



SHANGHAI MITSUBISHI
ELEVATOR CO., LTD.

LEHY-M-II/LEHY-H

Medium & High-Speed Passenger Elevator

High Speed, High Comfort

PM Synchronous Medium & High-Speed Passenger Elevator

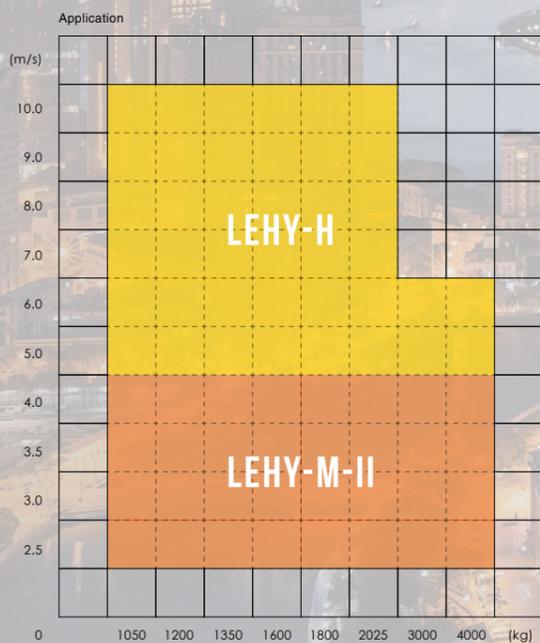
LEHY-M-II/LEHY-H

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LEHY-M/H MEDIUM & HIGH-SPEED PASSENGER ELEVATOR

Comfortable, Smooth and Pleasant Ride Experience

LEHY-M-II/LEHY-H elevators are high-end elevators specially designed for applications including commercial buildings, shopping malls, hotels and luxury residential buildings. With Mitsubishi's advantages in technology, such as variable-voltage variable frequency (VVVF) drive technology, double-PWM energy feedback technology and data network control technology, LEHY-M-II/LEHY-H elevators have undoubtedly become classic among the elevators of the world today.



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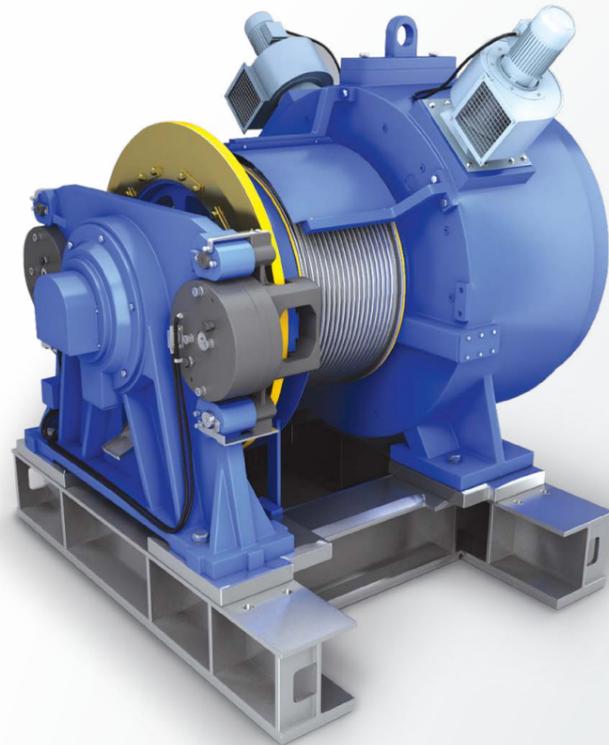


Absolute Upgrade of Traction Machine

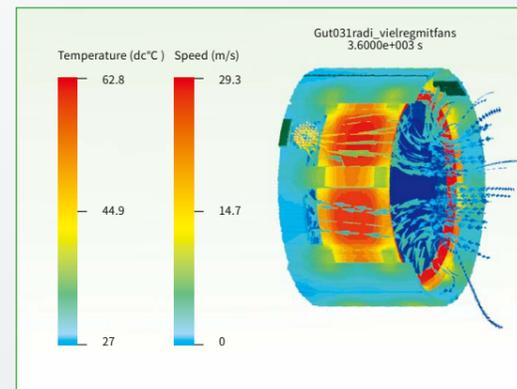
LEHY-M-II/LEHY-H medium & high speed passenger elevator applies an efficient drive system and all-digital controls, increasing its speed to 10.0 m/s.

The new generation of high-performance PM synchronous gearless traction machine uses large brake discs and low-noise disc brake to guarantee safe and sufficient braking torque, which greatly reduces brake noise, increases safety and reliability and extends the service life. It also has sensitive weighing sensors to accurately detect the elevator load in real time and make up the load at start-up based on the pre-torque, thus eliminating the discomfort caused at start-up, operation and stopping, and providing a comfortable ride to passengers when the elevators is running at high speed.

LEHY-M-II elevator uses a heat pipe radiation system, which increases the radiation efficiency and reduces the space required for radiation.



▲ PM synchronous gearless traction machine of LEHY-H elevator (PM traction machine of LEHY-H high-speed elevator)

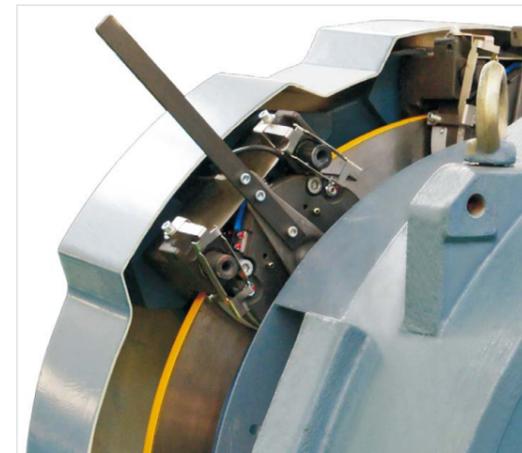


▲ Temperature field of traction machine

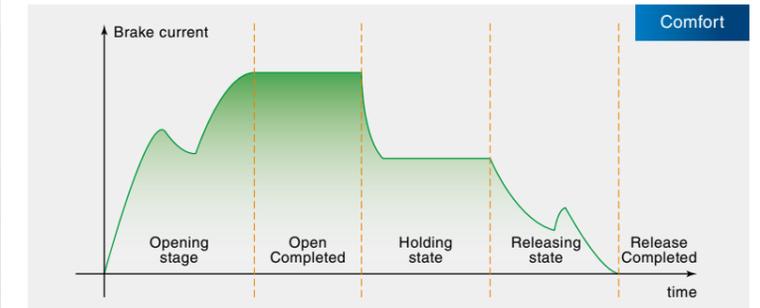


▶ PM synchronous gearless traction machine of LEHY-M-II elevator (PM traction machine of LEHY-M-II medium & high-speed elevator)

Mute Brake Control Technology

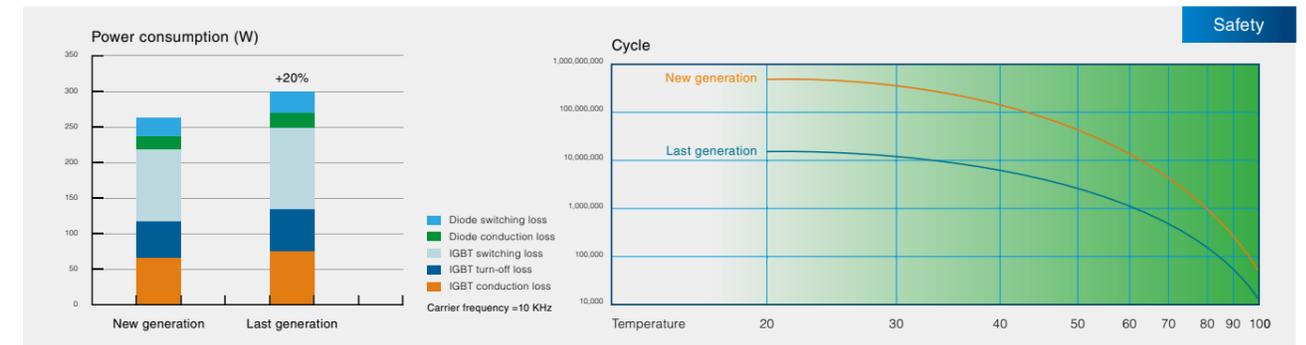


Compared with traditional open-loop voltage control, a more accurate closed-loop current control mode is now used to control the action speed and braking torque at all stages of the brake. This has remarkably reduced the noise when the brake works and improved the ride comfort.



The Latest Generation of Super High-Power Module

LEHY elevator is the first to use the industry's most advanced super high-power module system. Multiple fast protection circuits can better protect the power module, thus further improving the reliability of the drive system. Meanwhile, advanced topology design increases the system's resistance to interference.



High-Performance and Intelligent CPU Control System

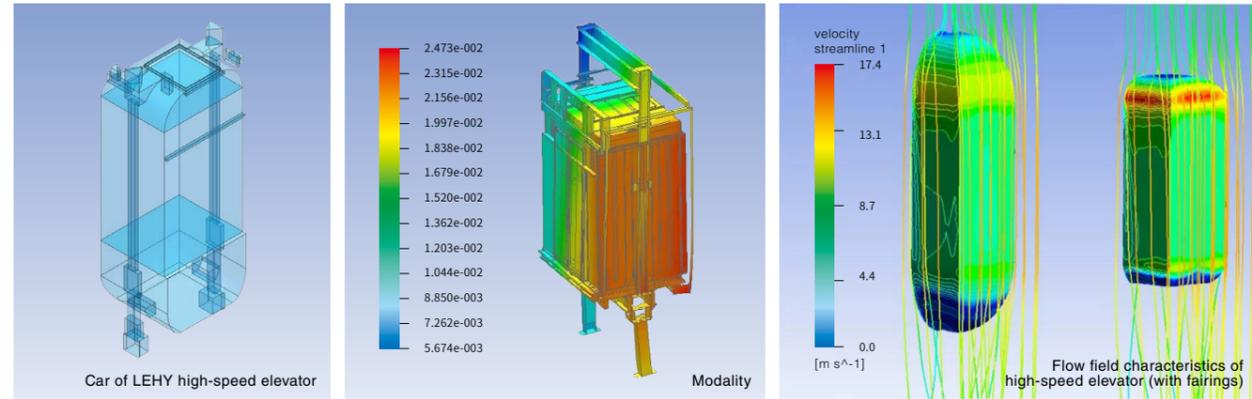
LEHY elevator uses various high-performance chips including 32-bit CPU, 32-bit high-speed data signal controller (DSC), and large-scale field programmable gate array (FPGA), and the world's advanced Surface Mount Technology (SMT) technology, which realizes all-digital control and motor drive to further improve the control performance and reliability of the system and guarantee the comfort and safety of the elevator.



Efficiency

Application of Digital Technology

In recent years, Shanghai Mitsubishi has put in more efforts to apply and research digital technology in product R&D area. Regarding the structure, vibration, noise, transmission & control and other key technologies for high-speed elevators, Shanghai Mitsubishi has carried out systematic and component-level control simulation, multiphysics simulation and single- or multiple-field coupling simulation of stress field, flow field, heat field, sound field and electromagnetic field, and has applied a digital product research platform and a modern test platform to improve the capability and level of elevator development.

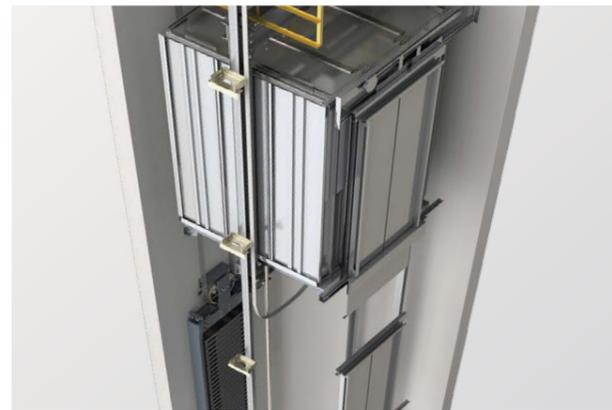


Intelligent Voice Car Call

- Touch-free, hands-free experience
- Recognition of personalized floor information, e.g. dining hall
- High accuracy of recognition and strong anti-noise capacity (50 dB in noise, recognition rate $\geq 90\%$)



LIMAX Elevator Hoistway Safety System

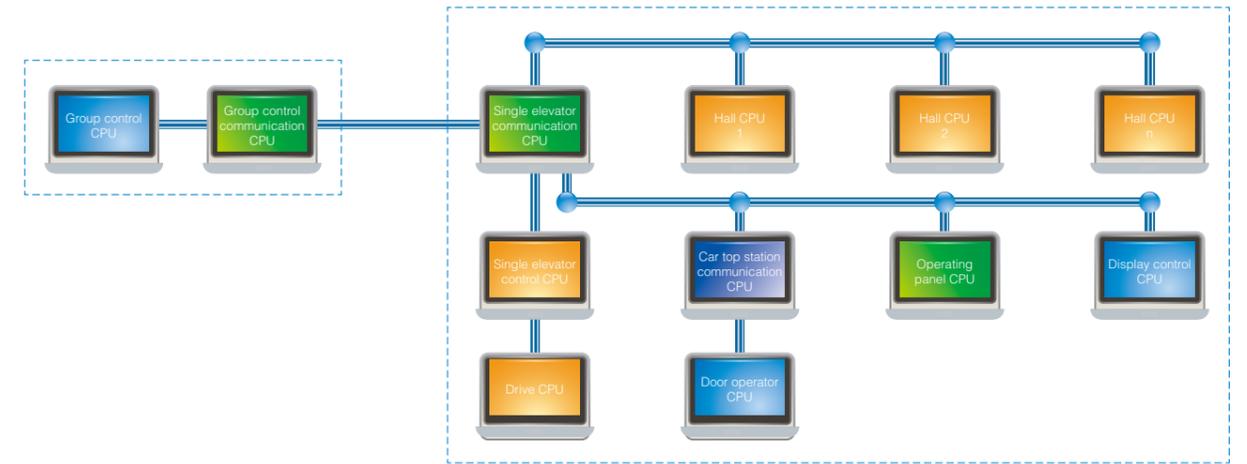


The elevator hoistway safety system based on the magnetic grating ruler technology is adopted, so that the high-precision position and speed information of the elevator car can be obtained in real time, the leveling accuracy is enhanced, and the comfort of riding the elevator is improved.

Combined with the functional safety system independently developed by SMEC, the safety integrity reaches SIL3, the highest level in the industry, and it can realize the slowdown safety monitoring and protection for the car hoistway terminal. If it is matched with the destroying buffer, the requirements of high-speed elevators for the pit depth and the overhead can be greatly reduced, so that the civil sizes can be reduced.

Data Network Control Technology

Data network control technology based on CANBUS (field bus) features high communication rate and large data volume, and use independent microprocessors respectively in the elevator car call controller, floor indicator in the car, door operator controller, buttons and floor indicators of each landing, and other various subsystems. Communications between various subsystems only need a few signal lines. This has greatly improved the reliability, resistance to electromagnetic interference and flexibility of the system and reduced the maintenance costs.



Water Ion Air Conditioner and Water Ion Fan

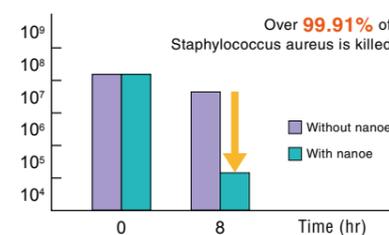
Cleaner

- Equipped with Panasonic nanoe™X water ion generator imported from Japan, which can kill attached bacteria and viruses.
- Equipped with high-sensitivity VOC sensors, which enable the fan to switch to the maximum speed for quick ventilation when smoke or unpleasant smell is detected.

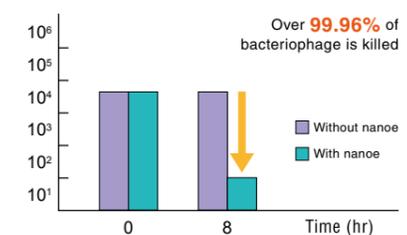
More user-friendly

- Fan speed can be adjusted according to the load: The fewer the number of passengers is, the slower and the quieter the fan is.
- Fan speed can also be adjusted from a mobile app.

Concentration of bacteria (cfu/Gauze)

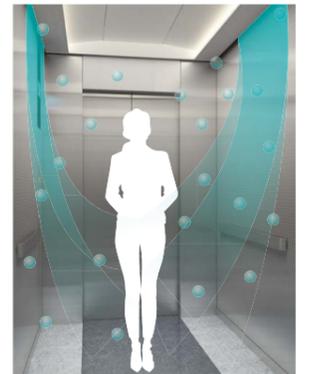


Number of virus infections (TCID 50/mL)



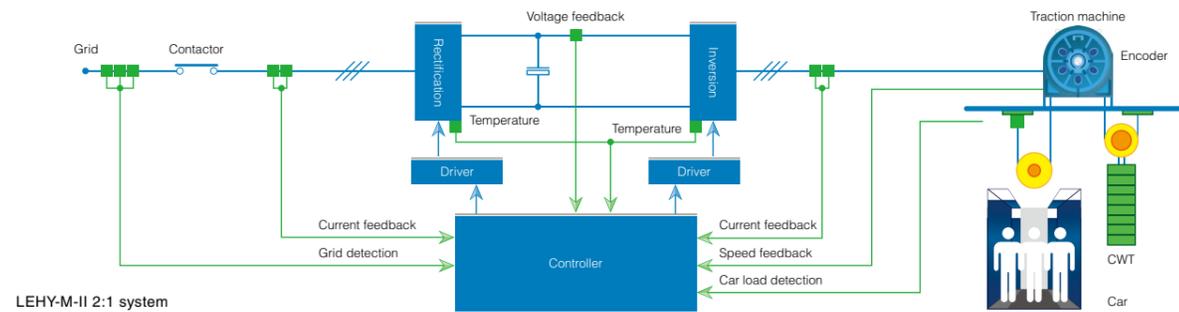
Introduction to nanoe™X technology

- nanoe™X are water-wrapped nano-sized particles, which can kill the attached bacteria and viruses by denaturing their protein.
- The eight-hour nanoe™X test in a 23.3 m3 lab has proved that, nanoe™X can kill up to 99.91% of Staphylococcus aureus.
- The eight-hour nanoe™X test in a 23.3 m3 lab has proved that, nanoe™X can kill up to 99.96% of bacteriophage.
- nanoe, nanoe™X, nanoe label, and nanoe™X label are trademarks of Panasonic Corporation.



AC VVVF Speed Regulation Technology and All-Digital Control Technology

Adhering to the concept of accumulation, and constantly using the latest technology and devices in the elevator variable voltage variable frequency drive, the SMEC VVVF speed control technology is developing rapidly towards high performance, high reliability, digitalization and miniaturization. The space vector control technology (SV PWM) is applied to realize the speed regulation of the elevator. The internationally latest super power module, 32-bit high-speed digital signal controller (DSC) and large-scale integrated circuit and other advanced electrical components are first adopted to enable the elevator to accurately adjust the motor speed completely according to the optimal speed change curve and run along the ideal speed curve which is optimized and designed according to the modern ergonomic principles, thus truly realizing the full digital control and motor drive, and making the elevator run stably, safely and efficiently.



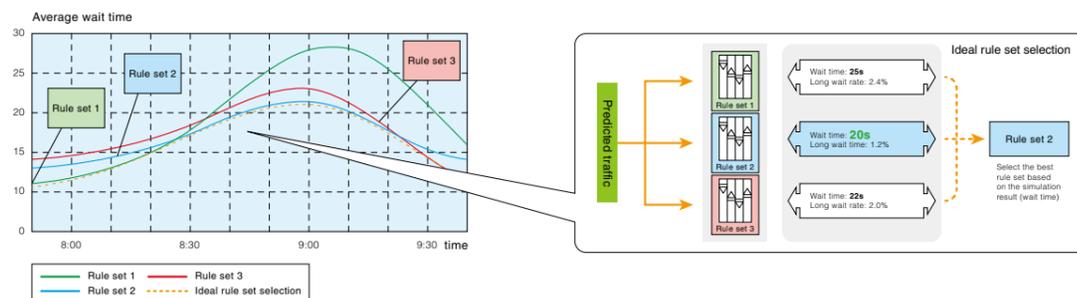
Destination Oriented Allocation System (Optional)

Destination Oriented Allocation System (DOAS) can greatly improve the utilization of the elevator and shorten average passenger wait time. When a passenger has pressed the button of the destination floor at the hall, DOAS will inform the passenger of the car allocated and the passenger can go and wait there. When the elevator has arrived, the passenger does not need to press the button in the car, because the elevator has registered the call automatically and will carry the passenger to the destination floor.



Intelligent Group Control System (Optional)

ITS-21 or ITS-2100 group control system uses a high-performance multi-core CPU processor for computing to process complex algorithms fast. A high-speed data network effectively increases the throughput and scalability of the system. The application of expert system, fuzzy logic technology and neural network technology can allocate the car intelligently, thus greatly shortening passenger wait time and ride time and reducing the energy consumption of the elevators operated inside the building.



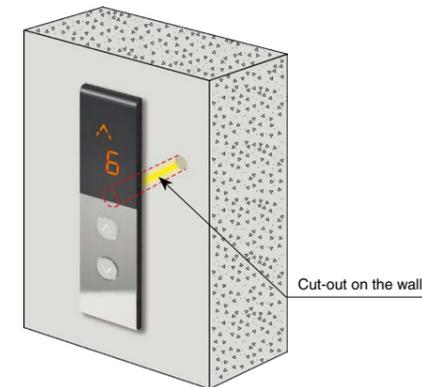
New-generation Decoration System

A universal decoration system is applied to all LEHY elevators, including LEHY-Pro, LEHY-MRL, LEHY-M-II and LEHY-H. On the basis of preliminary survey and demand analysis, the newly developed decoration system has much better flexibility and responsiveness and provides customers with different grades and styles of decoration.



Easy-to-Install Wall-mounted Hall Call

To install the hall call without bottom-box, a rectangle cut-out is not required on the wall, but a small round hole, making the installation easier and more convenient.



Easily Recognizable Glimmering Buttons

The buttons glimmer in standby mode by design, making the numbers on the buttons easily recognizable even in the dark.



New Integrated Car Applicable to Various Architectural Styles



The new integrated car is applicable to most buildings and has various styles available to meet customer needs.

- No additional decoration layer, less space, less cost;
- One-time delivery, less labor, less time;
- OEM product, safe and secure.

Energy-saving and Environment Friendly LED Lighting

Car ceilings of LEHY-M-II/LEHY-H elevators use LED lighting with a service life five times longer than conventional fluorescent lamps, saving energy by at least 50% and substantial maintenance costs and using costs.



Durable Buttons

Buttons can be pressed up to 500 times and have reinforced stainless steel button caps specially designed for residential elevators. They also have anti-drop snap hook design.

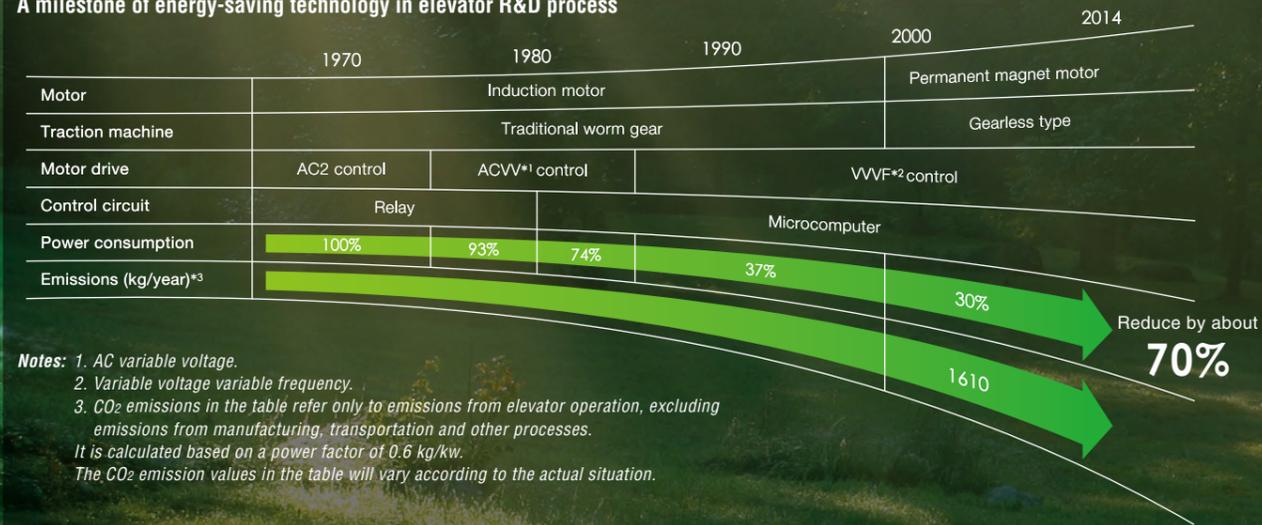
(A block of 1 kg drops down to the button surface from a height of 0.5 m three times and the button can still work normally. This is higher than the requirements for Category 1 elevators in EN81-71.)



Making good use of energy

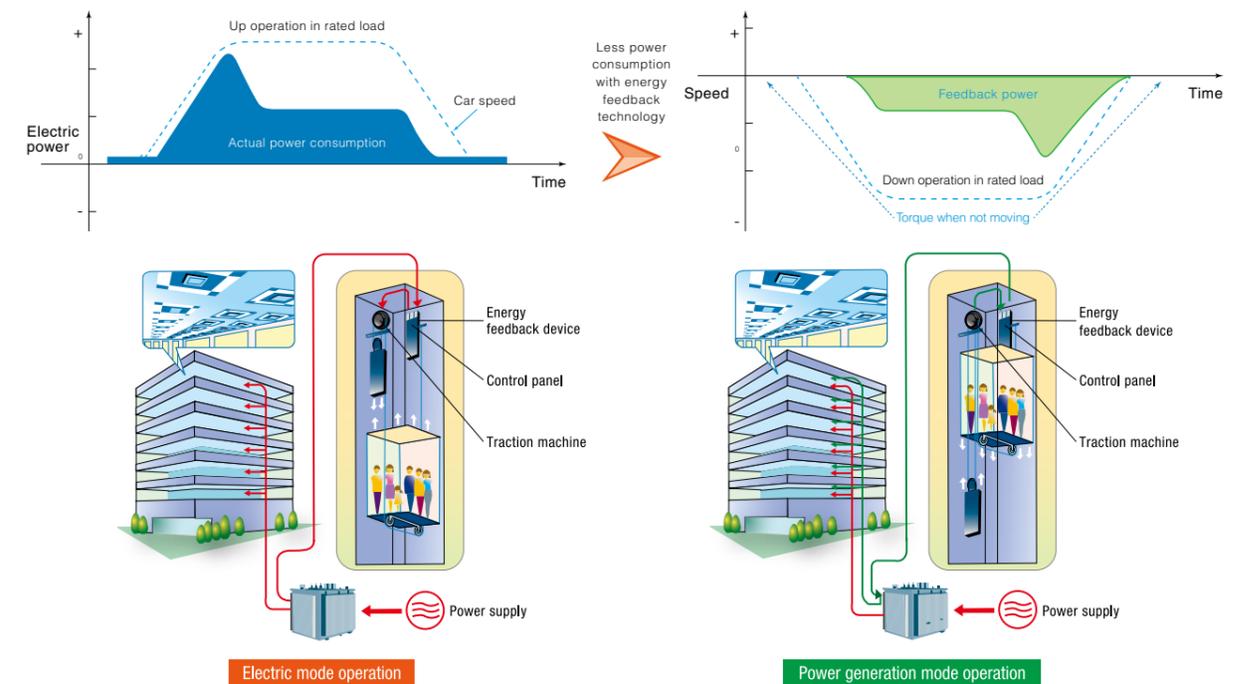
We have long been committed to the research and development of high-performance elevators, and have produced intelligent electricity-using systems and functions.

A milestone of energy-saving technology in elevator R&D process



Energy Feedback Technology (Standard)

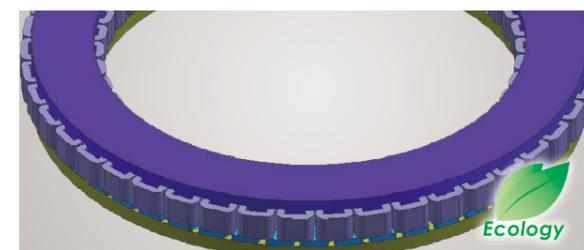
The elevator usually needs electric energy (electric state) during operation. However, when the car runs down under heavy load or runs up under light load, the motor is in the power generation state (energy feedback state), and this part of electric energy is usually consumed in the form of resistance heating, which not only wastes energy, but is also not conducive to environmental protection. The energy feedback technology (optional) based on PWM control feeds back the electric energy generated when the motor is in the power generation state to the power grid, which saves about 30% energy compared with the elevators without energy feedback device. At the same time, the input current at the power supply side is sinusoidal, which greatly reduces harmonic pollution to the power supply. And the DC side voltage is controlled, which is beneficial to improving the stability of elevator operation.



Remark: The above conditions are for reference only, and the actual operation conditions are also different according to the building power supply situation.

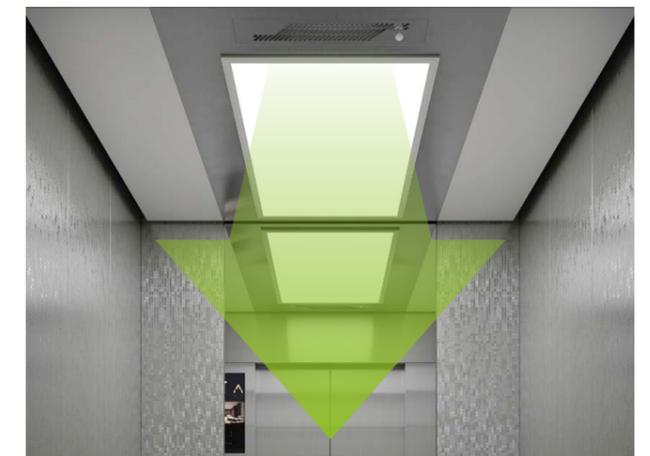
PM gearless traction technology

The PM gearless permanent magnet synchronous traction machine adopts permanent magnetic materials, in no need of additional excitation current, and without copper consumption, so it saves about 30 percent of energy compared with that traditional worm and gear traction machine. The disc traction machine is customized for a machine roomless elevator system and has such characteristics as small axial size, light weight, small volume, and thinness, and is particularly suitable for a machine roomless elevator system with higher requirements for space arrangement and civil sizes.



CFO-A/CLO-A

After the elevator stands by without any direction for a certain time, the car fan is / Lighting automatically turned off to save energy.



LEHY-M-II/LEHY-H

INTEGRATED CAR

Advantages offered by original Mitsubishi design



Elaborate design and professional calculation

Specialized design solutions are provided for various types of buildings, with a wide selection of design styles available. The car weight is strictly calculated to prevent it from exceeding the allowed limit when customers redesign the car on their own.

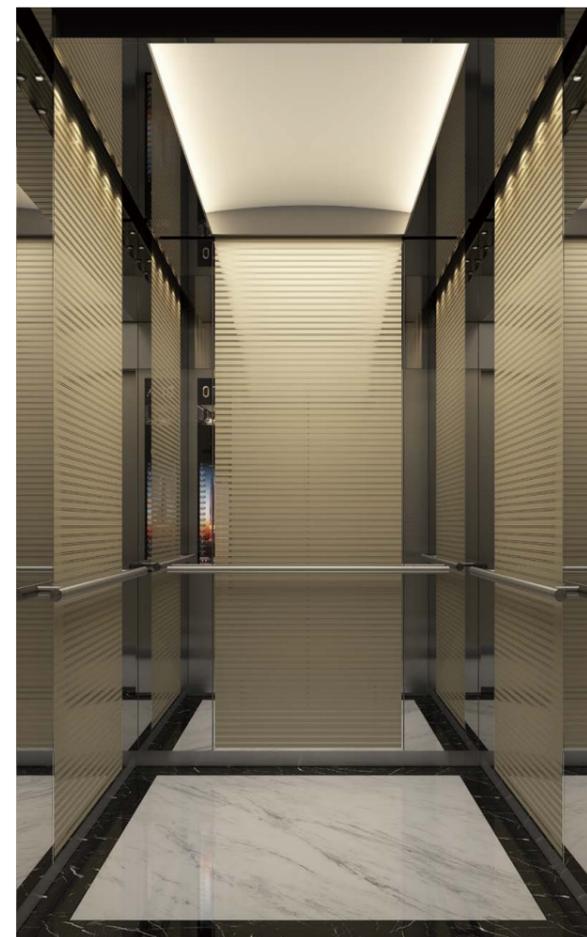
Complying with standards and safe & secure

Materials used for car design are in strict conformity with the fire-resistance rating requirements stated in GB 7588, so as to prevent safety risks caused by materials used for customers' redesign.

Strict testing and long-lasting quality

Materials, processes and lighting fixtures used in original Mitsubishi design have undergone strict reliability tests, which can better guarantee the quality as compared with the quality displayed when customers redesign the car on their own.

Notes: 1. Floorings, handrails, and operating panels are available in other models. See the Material Mapping Table.
2. Front panels, transom panels, and car doors are available in other materials. See the Material Mapping Table.
3. Car dimensions: AA=1600mm, BB=1500mm, HH=2100mm, HL=2400mm.
4. Ceilings dimensions: AA=1600mm, BB=1500mm.
5. Exquisite Car: integrated design with quality assured.
6. Luxury Car: a rich selection of materials; atmosphere rendering technique; superior quality.



Bo Ming Xuan ZCD-020X

- Ceiling** ZCL-GS17
- Front panel** Two sides: Stainless steel, mirror-finish
Central: Etched and painted stainless steel, mirror-finish (ZHF-005)
- Side panel** Two sides: Stainless steel, mirror-finish
Central: Etched and painted stainless steel, mirror-finish (ZHF-005)
- Handrails** Three-side round stainless steel handrails (ZYH-RH05)
- Flooring** Marble flooring (ZSC-012)



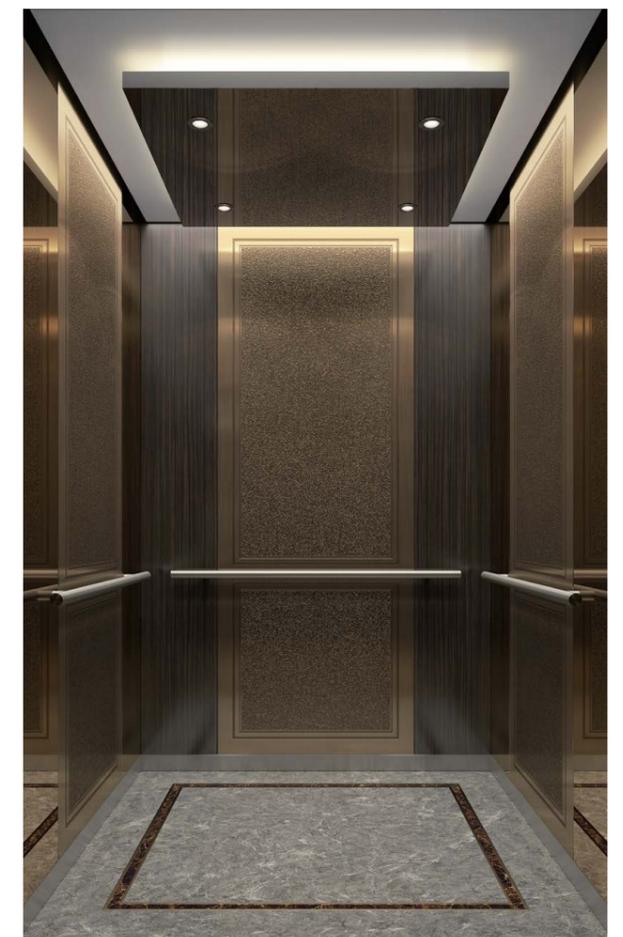
Scan the QR code to view the real-image of the car

Jue Shi Xuan ZCD-022X

- Ceiling** ZCL-GS08
- Front panel** Two sides: Laminated steel sheets (ZYM-016)
Central: Etched and antique copper stainless steel, hairline-finish (ZHF-002)
- Side panel** Two sides: Titanium plated stainless steel, mirror-finish (ZDT-006)
Central: Etched and antique copper stainless steel, hairline-finish (ZHF-002)
- Handrails** Three-side round stainless steel handrails (ZYH-RH05)
- Flooring** Marble flooring (ZSC-014)



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Zi Xin Xuan ZCD-039T

- Ceiling** ZCL-GS18
- Front panel** Two sides: Titanium plated stainless steel, mirror-finish (ZDT-004)
Central: Laminated steel sheet (ZTM-056)
- Side panel** Laminated steel sheet (ZYM-018)
- Handrails** Three-side round stainless steel handrails (ZYH-RH05)
- Flooring** Marble flooring (ZSC-014)



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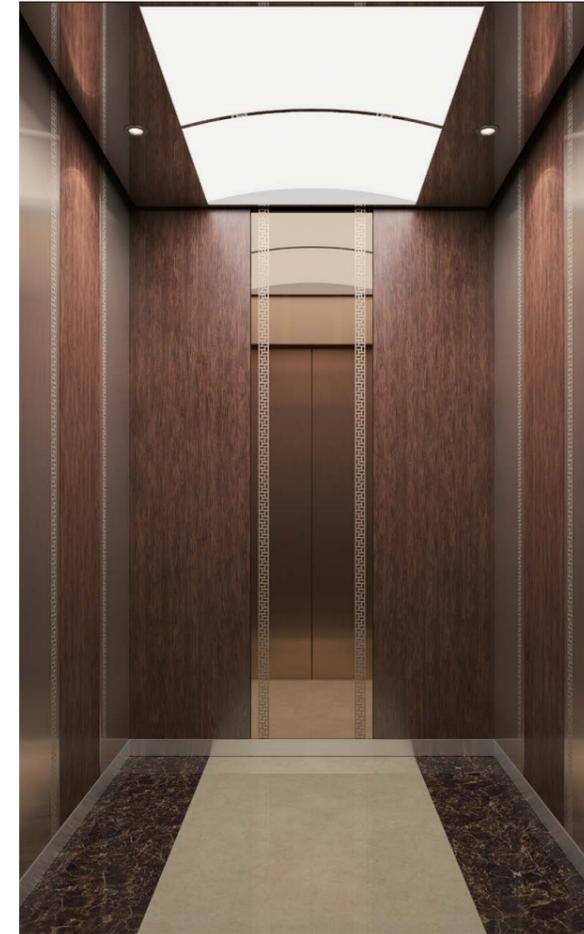


Wen Hua Xuan ZCD-040T

- Ceiling** ZCL-GS18
- Front panel** Two sides: Random pattern titanium plated stainless steel (ZDT-506)
Central: Brushed titanium plated stainless steel (ZLS-002+ZDT-006)
- Side panel** Two sides: Random pattern titanium plated stainless steel (ZDT-506)
Central: Brushed titanium plated stainless steel (ZLS-002+ZDT-006)
- Handrails** Three-side round stainless steel handrails (ZYH-RH05)
- Flooring** Marble flooring (ZSC-014)



Scan the QR code to view the real-image of the car



Zi Jing Xuan ZCD-021X

- Ceiling** ZCL-GS22
- Front panel** Two sides: Laminated steel sheets (ZYM-001)
Central: Etched titanium plated stainless steel, mirror-finish (ZHY-027+ZDT-001)
- Side panel** Two sides: Titanium plated stainless steel, hairline-finish (ZHY-028+ZDT-001)
Central: Laminated steel sheets (ZYM-001)
- Flooring** Marble flooring (ZSC-013)



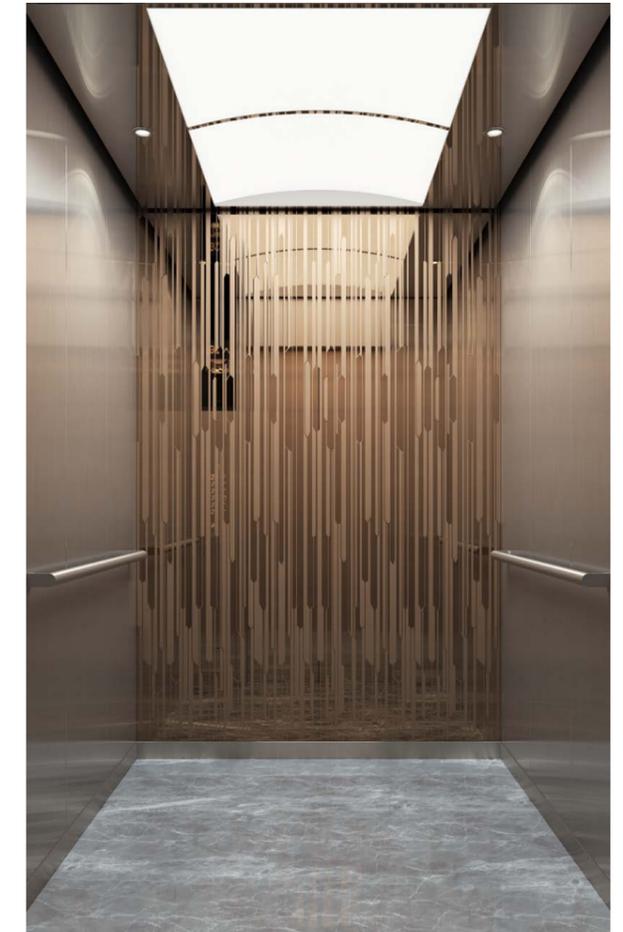
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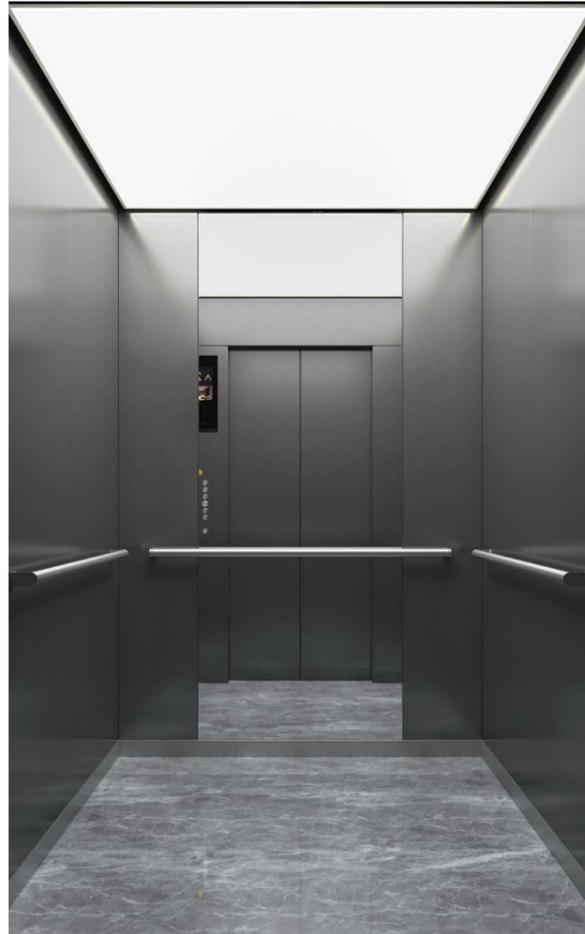
Xing Yu Ting ZCD-022T

- Ceiling** ZCL-GS22
- Front panel** Sandblast titanium plated stainless steel, mirror-finish (ZPS-002+ZDT-001)
- Side panel** Stainless steel, hairline-finish
- Handrails** Two-side round stainless steel handrails (ZYH-RH06)
- Flooring** Marble flooring (ZSC-029)



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Ju Ying Ge ZCD-030G

- Ceiling** ZCL-DN02
- Front panel** Two sides: Random pattern titanium plated fingerprint-resistant stainless steel (ZDT-505)
Central: Stainless steel, mirror-finish
- Side panel** Random pattern titanium plated fingerprint-resistant stainless steel (ZDT-505)
- Handrails** Three-side round stainless steel handrails (ZYH-RH06)
- Flooring** Marble flooring (ZSC-029)



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Jin Tai Ge ZCD-025G

- Ceiling** ZCL-GS06
- Front panel** Two sides: Stainless steel, hairline-finish
Central: Stainless steel, mirror-finish
- Side panel** Two sides: Stainless steel, hairline-finish
Central: Stainless steel, mirror-finish
- Handrails** Three-side round stainless steel handrails (ZYH-RH06)
- Flooring** Pattern-printed flooring (ZPH-034)



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Clean Space ZCD-041T

- Ceiling** ZCL-GN07
- Front panel** Two sides: Embossed stainless steel (ZYH-002)
Central: Stainless steel, mirror-finish
- Side panel** Embossed stainless steel (ZYH-002)
- Handrails** Three-side round stainless steel handrails (ZYH-RH06)
- Flooring** Marble flooring (ZSC-001)



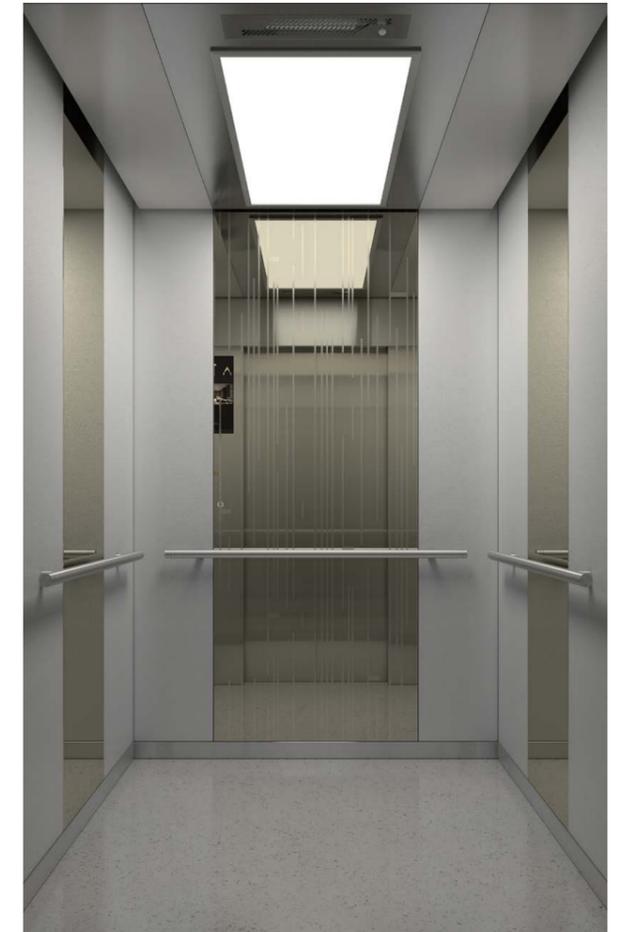
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Clean Space ZCD-042T

- Ceiling** ZCL-GN07
- Front panel** Two sides: Laminated steel sheets (ZYM-020)
Central: Sandblast titanium plated stainless steel, mirror-finish (ZPS-003+ZDT-004)
- Side panel** Two sides: Laminated steel sheets (ZYM-020)
Central: Titanium plated stainless steel, mirror-finish (ZDT-004)
- Handrails** Three-side round stainless steel handrails (ZYH-RH05)
- Flooring** Synthetic stone flooring (ZRZ-A03)



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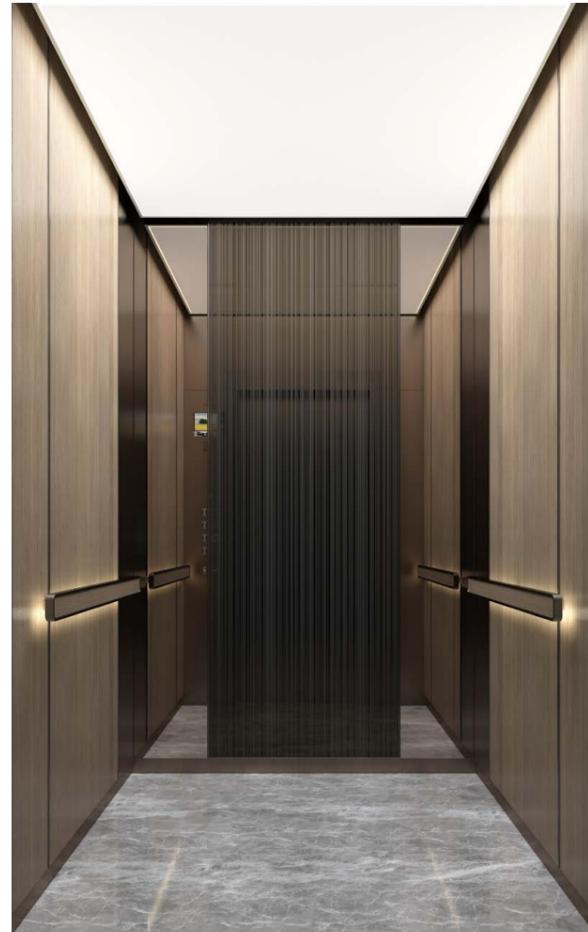


Jing Li Xuan ZCD-036X

- Ceiling** ZCL-GS18
- Front panel** Two sides: Titanium plated stainless steel, mirror-finish (ZDT-004)
Central: Marble and strips (ZSC-A27+ZYJ-004)
- Side panel** Two sides: Titanium plated stainless steel, mirror-finish (ZDT-004)
Central: Café fabric finishes and strips (ZNH-001+ZYJ-004)
- Handrails** Two-side mirror-finish titanium plated rectangular stainless steel handrails ZYH-SH02 (ZDT-504)
- Flooring** Marble flooring (ZSC-014)



Scan the QR code to view the real-image of the car



Yun Ya Ge ZCD-032G

- Ceiling** ZCL-DN02
- Front panel** Two sides: Titanium plated stainless steel, mirror-finish (ZDT-007)
Central: Glasses and strips (ZBL-010+ZYJ-003)
- Side panel** Rear: Sand pattern titanium plated stainless steel (ZDT-507)
Central and front: Laminated steel sheets and strips (ZYM-021+ZYJ-003)
- Handrails** Two-side handrails ZYH-FH03L (ZYM-021+ZDT-503)
- Flooring** Marble flooring (ZSC-A25)



Scan the QR code to view the real-image of the car



Hao Yue Ting ZCD-031G

- Ceiling** ZCL-GS21
- Front panel** Two sides: Titanium plated stainless steel, mirror-finish (ZDT-006)
Central: Glasses and strips (ZBL-009+ZYJ-001)
- Side panel** Two sides: Titanium plated stainless steel, mirror-finish (ZDT-006)
Central: Laminated steel sheets and strips (ZYM-019+ZYJ-001)
- Handrails** Two-side round titanium plated handrails, hairline-finish, ZYH-RH05 (ZDT-506)
- Flooring** Synthetic stone flooring (ZRZ-A03)



Scan the QR code to view the real-image of the car

Qin Xin Xuan ZCD-033G

- Ceiling** ZCL-GS21
- Front panel** Thin ceramic sheets and strips (ZRZ-A05+ZYJ-001)
- Side panel** Laminated steel sheets and strips (ZTM-055+ZYJ-001)
- Handrails** Two-side handrails ZYH-FH03 (ZTM-055+ZDT-506)
- Flooring** Marble flooring (ZSC-A08)



Scan the QR code to view the real-image of the car



ZCL-DN02 (Optional)



Lighting: Integrated direct lighting.
Material: White translucent soft film, hairline stainless steel frame.
Thickness: 200mm.

ZCL-GS21 (Optional)



Lighting: Ambient floodlight lighting, central down light direct lighting.
Material: Coated steel plate at the center, hairline finished titanium-plated stainless-steel frame, and coated steel plates on both sides.
Thickness: 200mm.

ZCL-SS10 (Standard)



Lighting: Central thin light guide panels; ambient lighting at two sides.
Material: Painted steel sheet.
Thickness: 100mm.

ZCL-SS07 (Standard)



Lighting: Direct lighting and downlights.
Material: Painted steel sheet.
Thickness: 100mm.

ZCL-GS17 (Optional)



Lighting: Downlight lighting on both sides, central floodlight lighting on both sides.
Material: Mirror-finish stainless steel.
Thickness: 200mm.

ZCL-GS08 (Optional)



Lighting: Ambient floodlight lighting, central down light direct lighting.
Material: Central mirror stainless steel, ambient Painted steel plate.
Thickness: 200mm.

ZCL-SS08 (Standard)



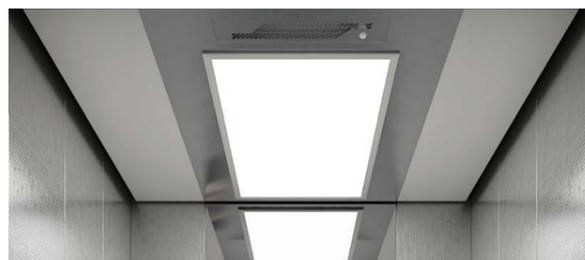
Lighting: Central translucent lighting.
Material: [Center] Milky white printed lighting panel; [Sides] Painted steel sheet.
Thickness: 200mm.

ZCL-SS07S (Standard)



Lighting: Direct lighting and downlights.
Material: Stainless steel.
Thickness: 100mm.

ZCL-GN07 (Optional)



Lighting: Direct lighting provided by central light guide panel.
Material: Hairline finished stainless steel at the center, and coated steel plates on both sides.
Thickness: 200mm.

ZCL-GS18 (Optional)



Lighting: Central floodlights; downlights all around.
Material: Ceiling: painted steel sheets all around; mirror-finish titanium plated stainless steel frame.
Thickness: 200mm.

ZCL-CN01 (Bare ceiling)

If the ceiling is to be decorated by the customer, its thickness must be at least 100 mm; otherwise, the internal structure will be exposed, affecting the look of the ceiling.

ZCL-CN08 (Bare ceiling)

If the ceiling is to be decorated by the customer, its thickness must be at least 200 mm; otherwise, the internal structure will be exposed, affecting the look of the ceiling.

ZCL-GS06 (Optional)



Lighting: Central lighting panel; Auxiliary lighting on both sides.
Material: Silver painted steel sheet all around; [Center] Milky white panel; [Sides] Transparent acrylic blocks.
Thickness: 200mm.

ZCL-GS22 (Optional)



Lighting: Central direct lighting; downlights on two sides.
Material: Central milky white arched lighting panels; mirror-finish stainless steel on two sides.
Thickness: 200mm.

Intelligent UV Germicidal Lamps (Optional)

Highly-efficient sterilization

99% of Escherichia coli is killed, Sterilize the surface of the operating panel and handrails for 12 min. (the above data based on CAP 1050 kg elevator)

Easy to install and modernize

Drill holes on the ceiling plate to install screws, Power cables connected to the lighting wiring terminal.

Product appearance design

The lighting cover is translucent and can protect the tube, Located at the front of the car; not eye-catching.

Product function design

Normal and enhanced mode available for selection; a remote available to turn on/off the lamps and switch modes, display the status and fault, replace the tubes, etc.

Double protection

Start only when the elevator sleep light is off, Stop when infrared sensors detect passengers.

- Notes:**
1. All car roofs adopt LED lighting.
 2. The ventilation outlet of car roof is arranged at the back of the two sides. Safety windows are optional for car roofs. Consult sales persons for details.
 3. ZY015 is the default color number for ZCL-SS10, ZCL-GN07 and ZCL-GS21, and Y033 for ZCL-SS08, ZCL-SS07 and ZCL-GS18. If other colors are required for painted steel sheets, please refer to the color samples provided by SMEC.
 4. Intelligent LED lighting system.

LEHY-M-II/LEHY-H

MAN-MACHINE COMPONENTS

Full-height car operating panel

The car operating panel is of the same height as and integrated with the front return panel, looking splendid.

LCD touch screen operating panel

Industrial touch screen panel is used, offering stability and reliability. With a size up to 28 inches, it is visually stunning, and has a well-designed interface, bringing exceptional operating experience to users.

EMIDS

The new-generation EMIDS is longitudinally arranged, thus a larger display can be installed on a smaller front panel. With a newly-designed black gold interface and brand new PI, it looks low key yet luxurious and dynamic.

Brand new PI

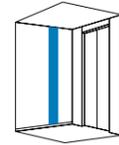
A brand new arrow shape is used in combination with the logo elements of SMEC and a free-flowing animation, contributing to the unique characteristics of SMEC's products.



Full-length Operating Panel



Front wall mounted



Side wall mounted



Organic glass.
Orange segment code.

Buttons are replaceable, The picture shown is A12.

ZCB-ND10 (Main)
ZCB-ND60 (Auxiliary)
Front wall/side wall mounted.



Organic glass.
Orange segment code.

A04 and A05 buttons are available for selection, The picture shown is A14.

ZCB-ND30 (Main)
ZCB-ND80 (Auxiliary)
Side wall mounted,
Complies with GB/T 24477.



Organic glass.
Gold segment code.

Buttons are replaceable, The picture shown is A12.

ZCB-ND11 (Main)
ZCB-ND61 (Auxiliary)
Front wall/side wall mounted.



Organic glass.
8.4" segment LCD (black characters on a color background).

Buttons are replaceable, The picture shown is A12.

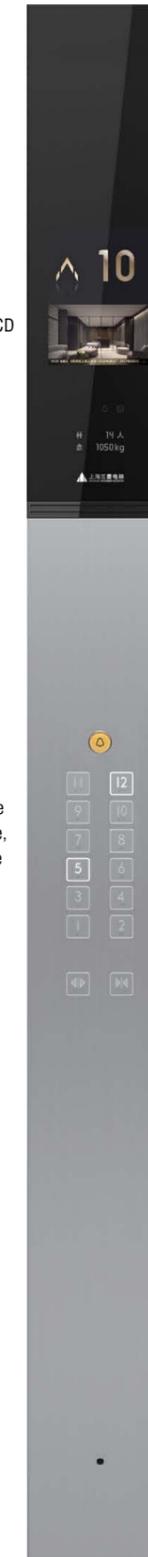
ZCB-N612 (Main)
ZCB-N662 (Auxiliary)
Front wall/side wall mounted.



Physically toughened glass.
8.4" TFT LCD black gold interface.

Buttons are replaceable, The picture shown is C14.

ZCB-N310 (Main)
ZCB-N360 (Auxiliary)
Front wall/side wall mounted.



Physically toughened glass.
10.4" TFT EMIDS with black gold interface.

Buttons are replaceable, The picture shown is C14.

ZCB-N710 (Main)
ZCB-N760 (Auxiliary)
Front wall/side wall mounted.



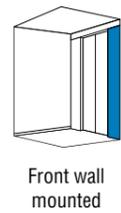
Physically toughened glass.
10.4" TFT LCD, black gold interface (Picture player). Resolution: 1280 x 800 (Support for image playback).

10.1 inch touch screen Resolution: 1280 x 800.

ZCBE04-N71B (Main)
ZCBE04-N76B (Auxiliary)
Front wall/side wall mounted.

- Notes:**
1. For front wall $\geq 250\text{mm}$, install the operating panel on the front wall; for front wall $< 250\text{mm}$, install the operating panel on the side wall.
 2. The symbol ■ refers to the button model. Please select it from the "Diversified button" page.
 3. Hairline-finish, mirror-finish, random pattern and sand pattern stainless steel can be used for the faceplate of the operating panel. Non-standard confirmation is required for titanium plated stainless steel.
 4. EMIDS can play multimedia information. Non-standard confirmation is required if customers wants to customize the interface.

Integrated Operating Panel



8.4" segment LCD (black characters on a color background).

Buttons are replaceable, The picture shown is A11.

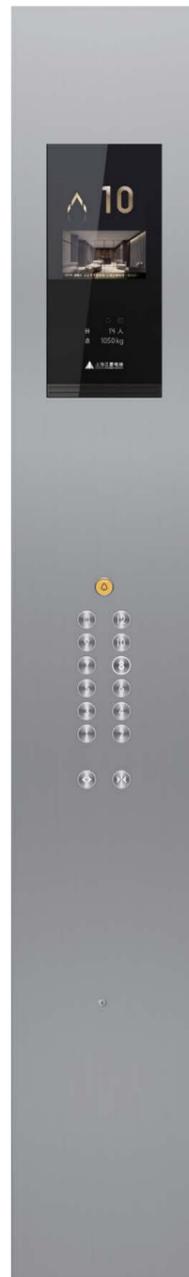
ZCB ■ -T611 (Main)
ZCB ■ -T661 (Auxiliary)
Front return panel ≥ 250mm.



8.4" TFT LCD black gold interface.

Buttons are replaceable, The picture shown is C14.

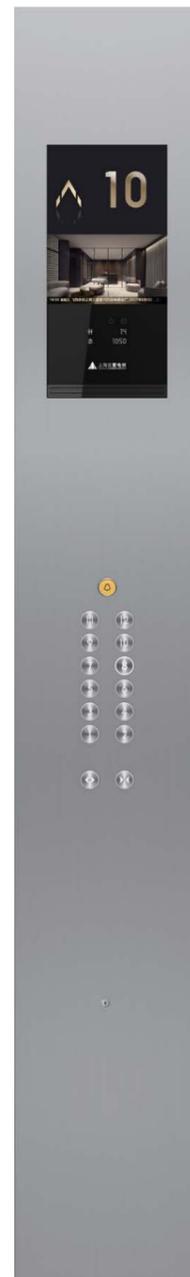
ZCB ■ -T311 (Main)
ZCB ■ -T361 (Auxiliary)
Front return panel ≥ 250mm.



10.4" TFT EMIDS with black gold interface, 1024x768 resolution.

Buttons are replaceable, The picture shown is A11.

ZCB ■ -T711 (Main)
ZCB ■ -T761 (Auxiliary)
Front return panel ≥ 250mm.



15" TFT EMIDS with black gold interface, 1024x768 resolution.

Buttons are replaceable, The picture shown is A11.

ZCB ■ -T811 (Main)
ZCB ■ -T861 (Auxiliary)
Front return panel ≥ 350mm.



15" TFT LCD black gold interface (picture player), Resolution: 1024 x 768 (support for image playback).

15.6 inch touch screen. Resolution: 1920 x 1080 (Configurable when front wall > 350).

Suggested material of faceplate is titanium coated. Titanium coated mirror stainless steel ZDT-003 is shown on the picture.

ZCBE05-T81C (Main)
ZCBE05-T86C (Auxiliary)
Front return panel ≥ 350mm.



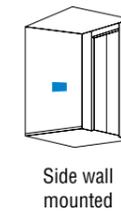
15" TFT LCD black gold interface (EMIDS), Resolution: 1024 x 768.

28.6 inch touch screen, Multiple interface themes can be changed. Resolution: 1920 x 540.

Suggested material of faceplate is titanium coated. Titanium coated mirror stainless steel ZDT-006 is shown on the picture.

ZCBE03-T810 (Main)
ZCBE03-T860 (Auxiliary)
Front return panel ≥ 350mm.

Wheelchair Operating Panel



ZCB ■ -F011 (Main)
ZCB ■ -F061 (Auxiliary)
Buttons are replaceable, The picture shown is A14.



ZCB ■ -F131 (Main)
ZCB ■ -F181 (Auxiliary)
Buttons are replaceable, The picture shown is A14, Complies with GB/T 24477.

Diversified button

Standard button



Optional button



Note: A04 and A05 buttons are only applicable to operating panels that conform to the GB/T 24477 standard.

Notes: 1. The symbol ■ refers to the button model. Please select it from the "Diversified button" page.

- Hairline-finish, mirror-finish, random pattern and sand pattern stainless steel can be used for the faceplate of the operating panel. Non-standard confirmation is required for titanium plated stainless steel.
- If an integrated operating panel is equipped, the decoration of the side wall shall be less than 15 mm thick when customers redesign the car on its own. If the decoration exceeds 15 mm, non-standard confirmation is required.
- EMIDS can play multimedia information. Non-standard confirmation is required if customers want to customize the interface.

- Three color schemes are available for the interface of a touch screen operating panel: Scheme A is applicable to a maximum number of 64 floors, and Scheme B and Scheme C are applicable to a maximum number of 30 floors.
- Wheelchair operating panel buttons can only use A14/A15/C14/C15.
- ZCB ■ -F131/181 complies with GB/T 24477. Technical confirmation is required to determine whether the complete elevator meets the standard.
- A04, A05 buttons are only compatible with opening panel with GB/T 24477 configuration.

LEHY-M-II/LEHY-H
HALL DESIGN

Landing door design

Matching well with mainstream interior design styles,
Better blended with your building environment.
Original hall door/car door panel,
No need for second design on site to avoid potential
safety hazards.
Saving cost, time and effort.

New Intelligent Hall Lantern

Automatically adjust brightness and volume
according to the environment.
Equipped with car arrival chime (AECH).

Foot-Activated Call

Foot-activated call to create a hand-free experience.
Registering car calls with a foot movement.

Notes: 1. For more information of hall door design, please refer to Selected Sophisticated Design of SMEC Elevators.
2. Applicable size: $900\text{mm} \leq \text{JJ} \leq 1200\text{mm}$, $2000\text{mm} \leq \text{HH} \leq 2400\text{mm}$, and (overall door jamb height) $\text{MH} + \text{HH} \leq 4000\text{mm}$.

HALL DESIGN

LEHY-M-II/LEHY-H
Medium & High-Speed Passenger Elevator

Hall Door and Door Jamb

E-102 Narrow Jamb



Landing calling buttons: ZPIA12-GD10
Landing door material: Hairline stainless steel
Door jamb door material: Hairline stainless steel

E-302 Large Bevel(10°)Jamb



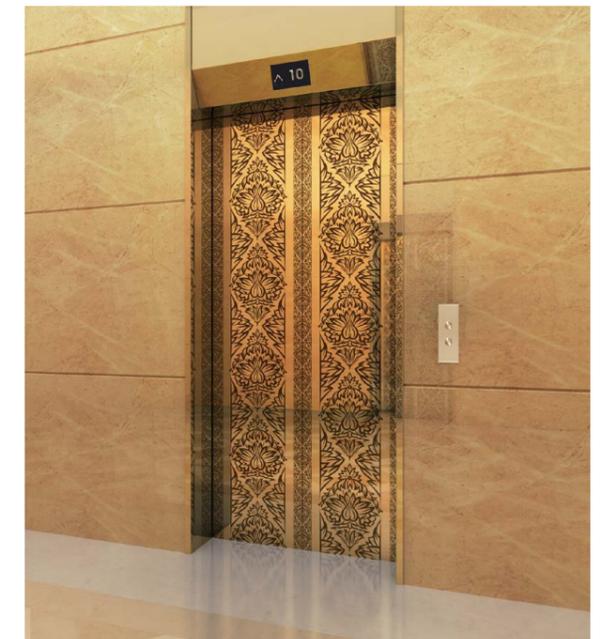
Landing calling buttons: ZPIA12-GB13
Landing door material: Hairline stainless steel
Door jamb door material: Hairline stainless steel

E-312 Large Curtain-Plate Bevel (10°)Jamb



Landing calling buttons: ZPIA11-CD12
Landing door material: Hairline-finish etched stainless steel (ZHY-006)
Door jamb door material: Hairline stainless steel

E-322 Large Inclined Curtain-Plate Bevel (10°)Jamb



LCD landing indicator: ZPIH-N301
Landing calling buttons: ZHBA11-G010
Landing door material: Sandblasted double-color titanium plated mirror stainless steel (ZPN-010)
Door jamb door material: Mirror-finish titanium stainless steel (ZDT-002)

Hall Position Indicators

Orange Segment Display

Gold Segment Display (embedded)

Segment LCD

TFT LCD



ZPI ■ -GD10

Wall-mounted (without bottom box).
Orange segment code.
Buttons are replaceable,
The picture shown is A12.



ZPI ■ -CD12

Embedded, With a bottom box;
Gold segment code.
Buttons are replaceable,
The picture shown is A11.



ZPI ■ -GB13

Wall-mounted (without bottom box).
4.3" segment LCD (black characters
on a color background).
Buttons are replaceable,
The picture shown is A11.



ZPI ■ -GA13

Wall-mounted (without bottom box).
4.3" TFT LCD
black gold interface.
Buttons are replaceable,
The picture shown is C14.



ZPI ■ -GD20

Wall-mounted (without bottom box).
Orange segment code.
Buttons are replaceable,
The picture shown is A12.



ZPI ■ -CD22

Embedded, With a bottom box;
Gold segment code.
Buttons are replaceable,
The picture shown is A11.



ZPI ■ -GB23

Wall-mounted (without bottom box).
4.3" segment LCD (black characters
on a color background).
Buttons are replaceable,
The picture shown is A11.



ZPI ■ -GA23

Wall-mounted (without bottom box).
4.3" TFT LCD
black gold interface.
Buttons are replaceable,
The picture shown is C14.

Notes: 1. The symbol ■ refers to the button model. Please select it from the "Diversified button" page.
2. Hairline-finish and mirror-finish stainless steel are available for the faceplate of the call buttons of the hall position indicator. Non-standard confirmation is required for titanium plated stainless steel.
3. Z HB ■ -H030/040/041 complies with GB/T 24477, and A14/A15/C14/C15 buttons are available. Technical confirmation is required to determine whether the complete elevator meets the standard.

Hall Call



ZHB ■ -G010

Single control.
ZHB ■ -G020
Duplex control.



ZHB ■ -H030

Single control,
Complies with
GB/T 24477.



ZHB ■ -H041

Duplex control,
Complies with
GB/T 24477.



ZHBE08-G012

Foot-activated call
Foot-activated call to create
a hand-free experience,
Registering car calls with a
foot movement.



ZPIE06-GF10/GF20

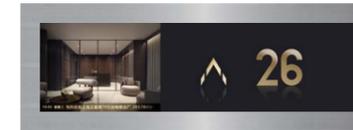
Touch Screen Hall Call
Titanium-plated aluminum alloy middle frame,
7-inch high-resolution highlight screen,
15° inclination, which is more ergonomic.

Hall Position Indicator



ZPIH-C804

15" EMIDS
Embedded,
Installed above the hall call buttons.



ZPIH-CE01

28.6" TFT EMIDS with black gold interface,
1920×540 resolution.
Embedded, Installed on the wall.



ZPIH-C301

8.4" TFT LCD (black gold interface).
Embedded,
Installed on the wall.



HID-A20

Orange dot-matrix LED.
Embedded, Installed on the wall.



ZPIH-NE01

28.6" TFT EMIDS with black gold interface,
1920×540 resolution.
Embedded, Applicable to E-312/E-322.



ZPIH-N301

8.4" TFT LCD (black gold interface).
Embedded,
Applicable to E-312/E-322.



HID-A10

Orange dot-matrix LED
Embedded, Applicable to E312

Hall Lantern

Note: All hall lanterns use LEDs and are available in two light colors: warm white (3000-3300k) and pure white (6500-7200k).



ZHLV-H021

With a bottom box.
Hairline-finish stainless steel
faceplate.
Misty white acrylic indicator.



ZHLV-H040

Without bottom box.
Misty white acrylic indicator.
Large size.
55×430mm.



ZHLV-H050

Without bottom box.
Transparent
acrylic indicator with misty
acrylic carvings inside.
Adjust the brightness
and volume automatically
according to the
environment.
Car Arrival Chime (AECH).



ZHLV-R050

With a bottom box.
Misty white acrylic indicator.
(an accurate opening
required on the wall)



ZHLV-B040

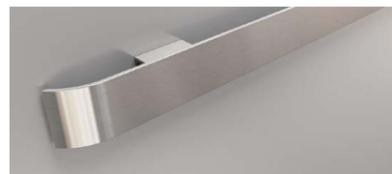
Without bottom box.
Misty white acrylic indicator.
Misty white light blocks
inside.
(used with AECH to meet
the requirements of GB/T
24477)



ZHLH-R080

With a bottom box.
Misty white acrylic indicator
with misty triangle light blocks
inside.
Dotted with stars on the
mirror-finish background.
(used with AECH to meet the
requirements of GB/T 24477)
(installed above the lintel)

Handrails



ZYH-FH10

Stainless steel flat handrail



ZYH-RH05/RH05B

Stainless steel round handrail



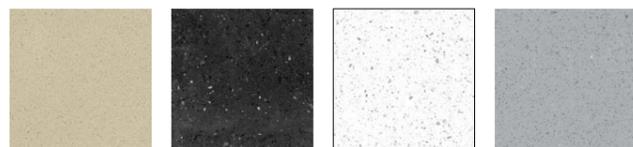
ZYH-RH06/RH06B

Stainless steel flat handrail
(Comply GB50763-2012, GBT 24477-2009 Standard)

Note: Handrails can be optionally made of titanium-plated stainless steel, and for the titanium-plated color code, see the material table.

Materials of Floor

Synthetic stone flooring



ZYR-A01

ZYR-A02

ZYR-A03

ZYR-A04

Marble flooring



ZSC-001

ZSC-002

ZSC-011

ZSC-012

ZSC-013

ZSC-014

ZSC-016

ZSC-029

Parquet Floor



ZPH-032

ZPH-030

ZPH-028

ZPH-033

ZPH-026

ZPH-029

ZPH-034

ZPH-031

Notes: 1. Single-color real stone flooring is also available. See Decoration Color Code of Shanghai Mitsubishi Elevator for color codes.
2. Standard marble flooring is marble composite aluminum honeycomb panel.
3. Marble is natural stone. Some of stones contain striped patterns, which is not cracks. The natural stone texture and color may have small differences between the actual delivered products and the drawings. Stone has its natural attributes and should be fully laid for single color block. If it is necessary to ensure full laying, project confirmation is required.

Materials

Item	Specifications	Remark
Car wall and car door	Painted steel sheet.	Standard
	PPS steel sheet, Aminated steel sheet, Metallic painted steel sheet, Hairline-finish stainless steel, Hairline-finish titanium stainless steel, Hairline-finish etched stainless steel, Hairline-finish etched titanium stainless steel, Mirror-finish stainless steel, Mirror-finish titanium stainless steel, Mirror-finish etched stainless steel, Mirror-finish etched titanium stainless steel, Random-pattern stainless steel, Random-pattern titanium stainless steel, Random-pattern etched stainless steel, Random-pattern etched titanium stainless steel, Sand-pattern stainless steel, Sand-pattern titanium stainless steel, Sand-pattern etched stainless steel, Sand-pattern etched titanium stainless steel.	Optional
Mirror	Half-height glass mirror (ZY-Z-01A), Full-height mirror-finish stainless steel mirror (ZY-Z-03S), Mirror-finish stainless steel mirror (ZY-Z-04S).	Optional
Type of handrails	1D/1G: NA/front/side/three-sided, 1D2G/2D2G: NA/side	Optional
Flooring	Synthetic stone flooring, Marble flooring, Parquet Floor	Optional
Car sill	Hard aluminum.	Standard
Kickplate	If car walls are of common painted materials, Painted steel sheets should be used; If not, Hairline stainless steels should be used.	Standard
Titanium plating	ZDT-001 (rose gold), ZDT-002 (gold), ZDT-003 (black), ZDT-004 (champagne gold), ZDT-005 (light black), and ZDT-006 (antique brass).	Optional
Fingerprint-resistant titanium plating	ZDT-500 (natural color), ZDT-501 (rose gold), ZDT-502 (gold), ZDT-503 (black), ZDT-504 (champagne gold), ZDT-505 (light black), and ZDT-506 (antique brass).	Optional

Notes: 1. Anti-fingerprint treatment can make stains such as fingerprints on the surface of stainless steel easier to clean, instead of preventing fingerprints from sticking.
2. Mirror stainless steel itself is easier to clean, so there is no significant difference in the anti-fingerprint effect.

Basic specifications

Item	Specifications	Remark
Application	Passenger Elevator	
Applicable technical standards	GB 7588-2003, GB/T 7588.1/2-2020, GB/T 10060-2011, GB/T 10058-2009, EN81-20/50:2014	
Elevator type	LEHY-M-II LEHY-H	
Rated speed (m/s)	2.5 3.0 3.5 4.0 5.0 6.0 7.0 8.0 9.0 10.0	
Rated capacity (kg)	1050 1050 1050 1050 1050 1050 1050 1050 1050 1050	
	1200 1200 1200 1200 1200 1200 1200 1200 1200 1200	
	1350 1350 1350 1350 1350 1350 1350 1350 1350 1350	
	1600 1600 1600 1600 1600 1600 1600 1600 1600 1600	
	1800 1800 1800 1800 1800 1800 1800 1800 1800 1800	
	2025 2025 2025 2025 2025 2025 2025 2025 2025 2025	
	3000 3000 3000 3000 3000 3000 - - - -	
	4000 4000 4000 4000 4000 4000 - - - -	
Travel rise (m)	14.6-200 18.8-200 24.2-200 29.8-200 43.6-300 61.4-300 79.5-400 100.8-400 135.0-500 166.7-500	
Max. number of stops (including non-service floor)	48 48 48 48 64 64 64 64 64 64	
Start frequency (times/hour)	210 240	
Drive mode	Traction mode	
CWT position	Rear/side Rear	In case of 2.5-3.5m/s and 1050-1600kg, the layout includes placing CWT at rear/on side; for other specifications, the CWT is placed at rear.
Winding mode	2:1 rewinding 1:1 rewinding	
Traction machine	Permanent magnet synchronous gearless traction machine (PM)	
Machine room	With machine room	
Control mode	VFJ-H	
Operation mode	1C-2BC, 2C-4C-ITS-21, 3C-8C-ITS-2100	
Traction rope	Φ12 Φ14/Φ16/Φ20 Hemp core/steel core	
Balance compensation device	Compensating chain (rated speed ≤2.5m/s and travel rise ≤100m); compensating rope (in other cases)	
Hall display range	Table A: -5-4B, 1B, 2B, 3B, 4B, 5B, A, B, B1, B2, B3, B4, B5, B6, C, D, E, G, G1, G2, G3, GF, H, K, L, L1, L2, L3, LB, LG, M, M1, M2, M3, M4, M5, M6, MB, P, P0, P1, P2, P3, P4, P5, PB, PH, PL, PP, R, R1, R2, R3, S, S1, S2, S3, S4, S5, T, UB, UG Table B: -5-4B, 1B, 2B, 3B, 4B, 5B, A, B, B1, B2, B3, B4, B5, B6, C, D, E, G, G1, G2, G3, GF, H, K, L, L1, L2, L3, LB, LG, M, M1, M2, M3, M4, M5, M6, MB, P, P0, P1, P2, 15A, 12.1, 12.2, 22.1, 22.2, 2A, 19A, 1A, 13F, 3F, F1, F2, 22A, RC, 4A, 15B, 13B, F, D1, D2, 1M, 2M, 3M, 3A, 5A, 12A, 12B, 13A, 23A, 16A, 16B, 17A	⊙ When the wall-mounted hall display call (ZPI ■ -GB10 / ZPI ■ -GB20) is selected, it cannot deal with the display such three floors as D, K and T; ⊙ All bit field LCDs can't deal with the display of three-digit floors (12.1, 12.2, 22.1, 22.2, 13F); ⊙ The hall display range of an elevator can only be located in Table A or Table B. If it exists in both two tables at the same time (that is, part in Table A and part in Table B) or exceeds the data range in the table, it is non-standard.
Min. floor height	2800 mm: concrete support (provided by customers) 2600 mm: steel support (provided by SMEC)	⊙ When the floor height is less than 2800 mm, steel support must be configured; ⊙ The min. floor height listed in the above table corresponds to HH=2100. In general, the min. floor height = HH+700 mm (with concrete support)/HH+500 (with steel support). Please refer to the standard civil construction drawing for specific values.
Car size (AA×BB)	Refer to Table <Standard Car Size>	
Car interior height (HL)	2300-3200 mm [see 2.3.5.1 Ceiling height for details]	
Opening mode	Standard: CO center opening; 2S doors can be selected only when the car specification code is P21D	2S and 2CO can be responded specially.
Door driving mode	VVVF variable voltage variable frequency control	
Door type	Standard: single door (1D-1G); through doors (1D-2G, 2D-2G) can be selected only when the car specification code is P21D	
Opening size (JJ)	CO: 900 mms.JJ≤1200 mm, 2S: 900 mms.JJ≤1300 mm	CO can deal with the cases where JJmax=1500 in a special way, 2S can deal with the cases where JJmax=1800 in a special way, in special cases, contact the development department.
Opening height (HH)	2100 mms≤HH≤2400 mm	CO/2S can deal with the cases where HHmax=2600 in a special way; in special cases, contact the development department.
Car safety gear	Progressive	
CWT safety gear	Optional	
Power supply requirements	Three-phase power supply	The fluctuation of the power supply voltage relative to the rated voltage should be within 7% 380V 50Hz three-phase five-wire system
	Lighting power	220V 50Hz single-phase
Environmental requirements	Standard Environment	It is only for standard environment, indoor structures, protected against direct sunlight and external wind & rain
	Temperature	The machine room and the hoistway should be kept between +5℃ - +40℃
	Relative humidity	The monthly average should be kept below 90%, and the daily average should be kept below 90% - 95% (within 3 days of normal operation)
Earthquake resistance rating	-	

Note: Please contact us if the above specifications are exceeded.

Standard car size

Item	Specifications	Remark
Specification code	P14W P16W P16 P18W P18 P21W P21D P24W P27W P27D*1 P27D*1	
Rated capacity CAP (kg)	1050 1200 1200 1350 1350 1600 1600 1800 2025 3000 4000	According to different specifications, the opening size may vary; please refer to the civil construction drawing for details;
Rated number of people (person)	14 16 16 18 18 21 21 24 27 27 27	
Inner width x inner depth (AA×BB) car size (mm)	Opening mode	CO CO CO CO CO CO CO CO 2S CO CO 2CO 2CO
	Opening width JJ	900, 1000 900-1200 900, 1000 900-1200 900, 1000 1000-1200 900-1100 900-1300 1100, 1200 1100, 1200 1500 1500
	Opening height HH	2100-2400
	Car interior height HL	2300-2700

Note: 1. The specifications of 3t and 4t cars can be non-standard, as long as they meet the requirements of GB/T 7588.1-2020 for car area. [GB 7588-2003; GB/T 7588.1-2020; GB/T 10060-2011; EN81-20:2014] (The rated capacity CAP is calculated at 75 kg/person).

Security control

Ⓐ optional ⓓ Requires non-standard design

Feature	Description	Code	1C-2BC	2-4C-SM21	2-4C-ITS-21	3-8C-ITS-2100
Permission removal	Non-service Floor Setting (switch)	NS*1	ⓓ	ⓓ	ⓓ	ⓓ
	Non-service Floor Setting (car button)	NS-CB*2	Ⓐ	Ⓐ	Ⓐ	Ⓐ
	Non-service Floor Setting (Timer)	NS-T*3	ⓓ	ⓓ	ⓓ	ⓓ
Permission control	Secret Code Service (Button)	SCS-B*4,5	Ⓐ	Ⓐ	Ⓐ	Ⓐ
	Secret Code Service (IC Card)	SCS-IC*6	Ⓐ	Ⓐ	Ⓐ	Ⓐ

Notes: 1. When two or more elevators are under group control, the non-service floors of each elevator must be consistent; the NS switch is installed in the operation panel of the main elevator by default, and the name of the hall of NS floors must be indicated on the non-standard countersignature form.
2. There is no need to specify the setting floor of the NS switch.
3. The time period shall be indicated on the non-standard countersignature form.
4. When this function is equipped, the 10-key operation panel is not available.
5. SCS-IC and ICS cannot be provided at the same time.
6. For details, see the specification of DigTel-II elevator data transmission system, LEHY-Pro(NV5X1)-PS1.

Safety protection

Ⓢ standard Ⓐ optional

Feature	Description	Code	1C-2BC	2-4C-SM21	2-4C-ITS-21	3-8C-ITS-2100
Standard requirements	Automatic Releveling	ARL	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Anti-stall Timer	AST	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Brake Redundancy Protection	BTUP	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Door Close Limit Switch	CLTS	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Door lock bypass operation	DBO	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Door switch short protection	DSSP	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Electrical Safety Circuit Protection	ESC	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Emergency Exit Switch	EXIT SW*7	Ⓐ	Ⓐ	Ⓐ	Ⓐ
	Next Floor Parking	NXL	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Over-current Protection	OCP	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Overload alarm	OLH	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Over-speed Protection	OSP	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Over Temperature Protection	OTP	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Over-voltage Protection	OVP	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Power Failure Protection	PFP	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Power-on Re-leveling	PORL	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Reversal Protection	RSP	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Safe Parking	SFL	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Stop Open	SO	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Thermo-detection in Inverter	THMF	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Terminal Coercive Slowdown	TSD	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Unexpected Car Movement Protection	UCMP	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Under Speed Protection	USP	Ⓢ	Ⓢ	Ⓢ	Ⓢ
Mitsubishi features	Automatic detection of balance coefficient	BCST	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Car Slip Safety Protection	CSSP	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Double-sided Static Torque Detection - Manual	DBSD-M	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Double-sided Static Torque Power-on Detection	DBSD-O	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Double-sided Static Torque Periodic Automatic Detection	DBSD-P	Ⓢ	Ⓢ	Ⓢ	Ⓢ
Electronic Terminal Forced Deceleration Device	SETS*8	Ⓐ	Ⓐ	Ⓐ	Ⓐ	

Notes: 7. It is optional when there is a hoistway safety door.
8. It is optional when the speed is above 3m/s.

Use with peace of mind

Ⓢ standard Ⓐ optional ⓓ Requires non-standard design

Feature	Description	Code	1C-2BC	2-4C-SM21	2-4C-ITS-21	3-8C-ITS-2100
	Multi-beam Protection	AMS*9	Ⓐ	Ⓐ	Ⓐ	Ⓐ
	Car command priority service (timing)	CCPS-T*10	ⓓ	ⓓ	ⓓ	ⓓ
	Humanized car door	CREQ	ⓓ	ⓓ	ⓓ	ⓓ
	Door Load Detection	DLD	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Door Opening Resistance Control	DONG	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Door Opening Time Auto Adjustment	DOT	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Wheelchair-exclusive operation	HCL	Ⓐ	Ⓐ	Ⓐ	Ⓐ
	Multi-beam Shoe	MBS*9	Ⓐ	Ⓐ	Ⓐ	Ⓐ
	Pet ride running	PRO	Ⓐ	Ⓐ	Ⓐ	Ⓐ

Notes: 9. Either AMS or MBS must be selected. In case of glass car door, pure multi-beam AMS must be selected.
10. The time period shall be indicated on the non-standard countersignature form.

Personalized services

Ⓐ optional ⓓ Requires non-standard design — Not applicable

Feature	Description	Code	1C-2BC	2-4C-SM21	2-4C-ITS-21	3-8C-ITS-2100
Grouping service	Group control grouping service	BSO*11,12	—	—	ⓓ	ⓓ
	Main hall switch	TFS*11,13	ⓓ	ⓓ	ⓓ	ⓓ
Compulsory service	Floor forced stop	FFS*14	Ⓐ	Ⓐ	Ⓐ	Ⓐ
Priority Service	Car Nearest Priority Service	CNPS*15	—	—	ⓓ	Ⓐ
	Specified Car Priority Service	SCPS*15,16	—	—	ⓓ	Ⓐ
	Special Floor Priority Service	SFPS*15,17	—	—	ⓓ	Ⓐ
	Light Load Priority Service	UCPS*15	—	—	ⓓ	Ⓐ
VIP service	A specific elevator can be withdrawn from the group control and designated for VIP service.	VIP-S*11,18	ⓓ	ⓓ	ⓓ	ⓓ

Notes: 11. When DOAS function is selected, it cannot be configured simultaneously with the following functions: AS, FCC-A, FCC-P, FHC-P, FSAT, HE-B, AIL, TCP, BSO, IUP, UPS, VIP-S, TFS and DKO-T/TB.
12. The grouping situation must be indicated on the non-standard countersignature form; the grouping switch shall be provided by the user, and the interface of such grouping switch shall be provided by SMEC in the machine room.
13. The name of the secondary main hall shall be indicated on the non-standard countersignature form; the switch shall be provided by the user, and the interface of such switch shall be provided by SMEC in the machine room; it can be controlled through SMARTEYE.
14. The floor at which the elevator is forced to stop must be specified.
15. Floor position indicator cannot be selected at the same time.
16. The number of the serving elevator with priority shall be specified.
17. The name of the hall of the priority service floor shall be specified.
18. The VIP elevator number, VIP switch installation floor and the name of the hall of VIP service floor must be specified on the non-standard countersignature form; the installation floor of VIP switch is the VIP service floor by default, and at most 2 VIP switches can be installed; it can be controlled by SMARTEYE.

Green and energy-saving

Ⓐ optional — Not applicable

Feature	Description	Code	1C-2BC	2-4C-SM21	2-4C-ITS-21	3-8C-ITS-2100
Standby energy-saving	Car Fan Off - Auto	CFO-A	Ⓐ	Ⓐ	Ⓐ	Ⓐ
	Car Lighting Off - auto	CLO-A	Ⓐ	Ⓐ	Ⓐ	Ⓐ
	Hall Indicator Energy Saving	HIES	Ⓐ	Ⓐ	Ⓐ	Ⓐ
Energy-saving operation (number control)	Under the condition of considering passenger flow and meeting passenger demand, when the service level of elevators has exceeded the specified target, the system will reduce the number of elevators put into service to save energy.	ESO-N	—	—	Ⓐ	Ⓐ
Energy Feedback	The energy generated during operation is fed back to the power grid to achieve the purpose of energy conservation.	EFDBK	Ⓐ	Ⓐ	Ⓐ	Ⓐ

Worries maintenance

Ⓢ standard

Feature	Description	Code	1C-2BC	2-4C-SM21	2-4C-ITS-21	3-8C-ITS-2100
Adaption	Door Speed Adaptive Control	DSAC	Ⓢ	Ⓢ	Ⓢ	Ⓢ
Self-adjustment	Door Torque Control	DTC	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Repeated Door Closing	RDC	Ⓢ	Ⓢ	Ⓢ	Ⓢ
Self-measurement	Floor Height Measurement	FMR	Ⓢ	Ⓢ	Ⓢ	Ⓢ

Convenient operation

Ⓢ standard Ⓐ optional Ⓓ Requires non-standard design

Feature	Description	Code	1C-2BC	2-4C-SM21	2-4C-ITS-21	3-8C-ITS-2100
Attendant Service	The normal operation of the elevator is completed by the attendant (who controls the closing of the door, changes the running direction of the car, and select bypass operation, etc.).	AS*19	Ⓐ	Ⓐ	Ⓐ	Ⓐ
Bypass	When the attendant is in service, if he/she presses down the "Pass" button or holds on the destination floor button for more than 3s (when the key combination function is effective), the elevator will not respond to all hall calls along the way.	BP*20	Ⓐ	Ⓐ	Ⓐ	Ⓐ
Car Fan Off (Button)	The car fan is turned off by operating the button combination of the operation panel.	CFO-B*21*22	Ⓢ	Ⓢ	Ⓢ	Ⓢ
Car Lighting Off (Button type)	The car lighting is turned off by operating the button combination of the operation panel.	CLO-B*21*22	Ⓢ	Ⓢ	Ⓢ	Ⓢ
Elevator APP remote control operation	Electrical components of the car and some functional settings originally completed by switches in the bi-parting door, such as (lighting/fan/air conditioner, CLO/CFO/IND/AS/SCS-C/SCS-BT/NS-CB/SCS-B, etc.) can be set via mobile phone APPs.	EVAC*23	Ⓐ	Ⓐ	Ⓐ	Ⓐ
Health emergency (button)	When the Open button and the DKO (door keep open) button are pressed down simultaneously, and the elevator will only respond to the car commands.	HE-B*22*24*25	Ⓐ	Ⓐ	Ⓐ	Ⓐ
Hall Operation Switch	The elevator can be started or shut down by operating the "RUN/STOP" key switch installed on the designated hall.	HOS	Ⓐ	Ⓐ	Ⓐ	Ⓐ
Hall Operation Switch (Timer)	Turn the elevator on or off by using a timer.	HOS-T*26	Ⓓ	Ⓓ	Ⓓ	Ⓓ
Independent	Car commands only rather than hall calls can be responded without interrupting the operation by virtue of the "Independent" switch or by operating a specific key combination (when the key combination function is effective).	IND	Ⓐ	Ⓢ	Ⓢ	Ⓢ
Inspection	Inspection operation mode for the use of maintenance personnel	INSP	Ⓢ	Ⓢ	Ⓢ	Ⓢ
Remote Control Stop	Start or stop the elevator through the remote control switch.	RCS*27	Ⓐ	Ⓐ	Ⓐ	Ⓐ
Return run (general return)	Operating the Return switch, the elevator will return to the designated floor and open the door for standby after responding to the registered car commands.	RET1*27	Ⓐ	Ⓐ	Ⓐ	Ⓐ
Return run (emergency return)	Operate the Return switch to immediately recall the elevator to the designated floor and open the door for standby.	RET2*27	Ⓐ	Ⓐ	Ⓐ	Ⓐ
Double Door Operation	When the elevator door is open, if there is no car command and hall call in the forward direction, and the hall command in the opposite direction of the hall has been registered, the elevator door will be reopened immediately after closing.	DDOP	Ⓢ	Ⓢ	Ⓢ	Ⓢ
DKO function	Pressing the "Open" button for more than 3 seconds can extend the door keep open time of the elevator.	DKO-T	Ⓐ	Ⓐ	Ⓐ	Ⓐ
Door keep open button	Pressing the button can extend the door keep open time of the elevator.	DKO-TB	Ⓐ	Ⓐ	Ⓐ	Ⓐ
False Car Call (Press)	When a car command button is pressed mistakenly, the call can be canceled by pressing the button twice continuously.	FCC-P*21	Ⓐ	Ⓐ	Ⓐ	Ⓐ
False Hall Call (Press)	When a hall call button is pressed mistakenly, the false call can be canceled by pressing the button twice continuously.	FHC-P*24*28	Ⓐ	Ⓐ	Ⓐ	Ⓐ
Hall Call Automatic Registration	When one elevator cannot pick up all passengers, the hall button will remain registered, and the system will automatically assign another elevator to serve.	FSAT*24	Ⓢ	Ⓢ	Ⓢ	Ⓢ
Re-open with Hall Button	During the closing process, press the call button of the same direction, and the elevator door will be opened again.	ROHB	Ⓢ	Ⓢ	Ⓢ	Ⓢ

- Notes:**
- When DOAS function is selected, it cannot be configured simultaneously with the following functions: AS, C-A, FCC-P, FHC-P, FSAT and HE-B.
 - It is provided as standard when AS function is selected.
 - When this function is equipped, the 10-key operation panel is not available.
 - Combination key operation mode
 - Physical bi-parting door switch (e.g. IND) and APP function cannot be selected at the same time.
 - When DOAS function is selected, it cannot be configured simultaneously with the following functions: ABP, AS, FCC-A, FCC-P, FHC-P, FSAT and HE-B.
 - The DKO-TB function should be configured when this function is selected.
 - The time period shall be indicated on the non-standard countersignature form.
 - It can be controlled by SMARTEYE, or the user should provide a passive dry contact. The boundary with the user is in the control panel in the machine room, and the interface of this function is reserved in the control panel.
 - It is not available with AIL.

Monitoring information

Ⓢ standard Ⓐ optional — Not applicable

Feature	Description	Code	1C-2BC	2-4C-SM21	2-4C-ITS-21	3-8C-ITS-2100
Local monitoring	Elevator and escalator intelligent monitoring system	SMARTEYE*29	Ⓐ	Ⓐ	Ⓐ	Ⓐ
Remote monitoring	Elevator remote service system	REMES-III*30	Ⓐ	Ⓐ	Ⓐ	Ⓐ
Standard requirements	Statistics of Running Times and Duration	ECT	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Remote alarm filtering signal	RALM*31	Ⓢ	Ⓢ	Ⓢ	Ⓢ
Failure log	Group control self-diagnosis	GCS	—	—	Ⓢ	Ⓢ
	Non-start alarm	NST	Ⓢ	Ⓢ	Ⓢ	Ⓢ
Car video	ITV cable (analog)	ITV-A*32	Ⓐ	Ⓐ	Ⓐ	Ⓐ
	ITV cable (digital)	ITV-D*32	Ⓐ	Ⓐ	Ⓐ	Ⓐ
Interface output	ITV cable (exclusive for SMARTEYE)	ITV-S*32	Ⓐ	Ⓐ	Ⓐ	Ⓐ
	Signal interface device	BA*33	Ⓐ	Ⓐ	Ⓐ	Ⓐ
Disaster emergency response	Fire Emergency Completed	FE-CP*34	Ⓐ	Ⓐ	Ⓐ	Ⓐ
	Fire Emergency Return Completed	FER-CP*35	Ⓐ	Ⓐ	Ⓐ	Ⓐ
	Optional Emergency Power Supply Completed	OEPS-CP*36	Ⓐ	Ⓐ	Ⓐ	Ⓐ

- Notes:**
- A SMARTEYE contract needs to be signed with SMEC.
 - A maintenance contract needs to be signed with SMEC.
 - According to the standard, Remote Alarm on Lifts (Elevators), the signal is provided to the alarm system for filtering inappropriate alarms.
 - At most one of ITV-A/ITV-D/ITV cable (exclusive for SMARTEYE) can be selected. When ITV function is configured, it is necessary to confirm the wiring responsibility with the customer: For ITV-A, the customer needs to lay coaxial cable from the monitoring room to the control panel of the machine room, and SMEC is responsible for reserving coaxial cable interface on the car roof for connecting the car analog video device; for ITV-D, customers need to arrange an Ethernet network from the monitoring room to the control panel of the machine room, and SMEC can reserve an Ethernet interface on the car roof to connect the user's car digital video device, or the car digital video device provided by SMEC can be selected. If beyond of above specifications, please indicate it in the non-standard countersignature form.
 - The output signals of BA include up, down, hall coding signals and comprehensive fault signals. The output signals are in the control panel of the machine room, and the output mode is dry contact and ModBus serial communication (special treatment is required when RS485 interface is reserved). For details, see the product specification of BA signal interface device, SMOS-PS2.
 - It is provided as standard when FE function is configured. The boundary with the user is in the control panel in the machine room, and the interface of this function is reserved in the control panel.
 - It is provided as standard when FER function is configured. The boundary with the user is in the control panel in the machine room, and the interface of this function is reserved in the control panel.
 - It is optional when equipped with OEPS-SA.

Improve efficiency

Ⓢ standard Ⓐ optional Ⓓ Requires non-standard design — Not applicable

Feature	Description	Code	1C-2BC	2-4C-SM21	2-4C-ITS-21	3-8C-ITS-2100
Standby strategy	Main Floor Parking	MFP	Ⓐ	Ⓐ	Ⓐ	Ⓐ
	Decentralized standby	OHS	—	Ⓢ	Ⓢ	Ⓢ
Peak Service	Elevator Allocation Adjustment	CAT	—	—	—	Ⓢ
	Crowded Floor Service	CFS*37	—	—	Ⓐ	Ⓐ
	Down Peak Service	DPS	—	—	Ⓐ	Ⓐ
	Up Peak Service	IUP*38*39	—	—	—	Ⓓ
	Lunch Time Service	LTS*40	—	—	Ⓐ	Ⓐ
	Peak Service	PTC	—	—	Ⓢ	Ⓢ
	Up Peak Service	UPS*38	—	—	Ⓐ	Ⓐ
Closing time	Immediate Door Closing	EDC	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Electronic Door Man	EDM	Ⓐ	Ⓐ	Ⓐ	Ⓐ
Opening time	Advanced Door Opening	LO	Ⓐ	Ⓐ	Ⓐ	Ⓐ
Forced Door Closing	Bell-ring Forced Door Closing	NDG	Ⓐ	Ⓐ	Ⓐ	Ⓐ
Destination oriented allocation	Destination Oriented Allocation System	DOAS*38	—	—	—	Ⓓ
Call response	Automatic Bypass	ABP	Ⓐ	Ⓐ	Ⓐ	Ⓐ
	Continuous Service	COS	—	Ⓢ	Ⓢ	Ⓢ
Command response	Reversal Car Command Canceling	CCC	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	False Call Canceling - Auto	FCC-A*38*41	Ⓐ	Ⓐ	Ⓐ	Ⓐ

- Notes:**
- The name of the hall of the crowded floor shall be specified on the non-standard countersignature form.
 - When DOAS function is selected, it cannot be configured simultaneously with the following functions: AS, FCC-A, FCC-P, FHC-P, FSAT, HE-B, AIL, TCO, BSO, IUP, UPS, VIP-S, TFS and DKO-T/B.
 - The zone range and elevator No. shall be indicated on the non-standard countersignature form, and it is applicable for group control of 5 and more elevators without DOAS function.
 - The name of the hall of the LTS floor shall be specified.
 - The number of halls served by the elevator is ≥ 6 .

Emergency measures

Ⓢ standard Ⓐ optional Ⓓ Requires non-standard design — Not applicable

Feature	Description	Code	1C-2BC	2-4C-SM21	2-4C-ITS-21	3-8C-ITS-2100
Backup operation	Group Control Backup	GCBK	—	—	Ⓢ	Ⓢ
Standard requirements	Emergency Car Lighting	ECL	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Docking rescue operation	ADK*42	—	—	Ⓓ	Ⓓ
Rescue implementation	Comfort of passengers trapped in car	CPTC	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Emergency electric operation	EEO	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Emergency Button	EMB	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Interphone	ITP*43	Ⓢ	Ⓢ	Ⓢ	Ⓢ
Power-off operation	Emergency Landing	ELD*44	Ⓐ	Ⓐ	Ⓐ	Ⓐ
	Optional Emergency Power Supply (automatic)	OEPS-SA*45	Ⓐ	Ⓐ	Ⓐ	Ⓐ
Backup	Control Computer Backup	CCBK	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Hall Computer Backup	HCBK	Ⓢ	Ⓢ	Ⓢ	Ⓢ
Disaster operation	Earthquake Emergency Return (S Wave)	EER-S	Ⓐ	Ⓐ	Ⓐ	Ⓐ
	Fire exclusive	FE*46*47*48	Ⓐ	Ⓐ	Ⓐ	Ⓐ
	Fire Return	FER*46	Ⓐ	Ⓐ	Ⓐ	Ⓐ
	Pit Water Intrusion Alarm	PWIA	Ⓐ	Ⓐ	Ⓐ	Ⓐ

- Notes:**
- RET2 emergency return function is required.
 - The cables running from the machine room to the monitoring room and their installation shall be in the charge of the user. For details, see the specification of DigTel-II elevator data transmission system, LEHY-Pro(NV5X1)-PS1.
 - It is applicable when the maximum floor height is $\leq 20m$.
 - The user shall provide emergency power supply, and normally open dry contact signals of normal and backup power supply respectively, which shall be provided by the user to the control panel in the machine room.
 - It should be considered that the elevator can return from the top end station to the FE or FER return floor within 60 seconds. Return time estimation: distance from the top end station to the FE or FER return floor/return speed + 9 seconds
 - The elevator equipped with FE function is not equivalent to complying with the relevant requirements of GB/T 26465, a standard for fire elevators. This standard provides special requirements for environment, building structure, power supply and waterproofing. If you need to order, please consult the sales department of the company.
 - When this function is equipped, the 10-key operation panel cannot be equipped.

Comfort experience

Ⓢ standard Ⓐ optional — Not applicable

Feature	Description	Code	1C-2BC	2-4C-SM21	2-4C-ITS-21	3-8C-ITS-2100	
Noise suppression	Brake Noise Reduction Control	Accurately control the action speed when the brake is held, greatly reduce the noise when the brake is held, and improve the comfort of taking the elevator.	BNRC	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Prevention of Simultaneous Running	This function prevents the elevators installed in the hoistway from running at the same time in the emergency zone, causing the noise in the car to rise.	PRS	—	—	Ⓐ	Ⓐ
Car environment	Elevator Air Conditioner	Air conditioner for elevator car.	EAC	Ⓐ	Ⓐ	Ⓐ	Ⓐ
Steady start	Weighing start	The elevator adjusts the starting torque according to the load in the car to make it start smoothly.	LWS	Ⓢ	Ⓢ	Ⓢ	Ⓢ

Friendly and easy use

Ⓢ standard Ⓐ optional Ⓓ Requires non-standard design — Not applicable

Feature	Description	Code	1C-2BC	2-4C-SM21	2-4C-ITS-21	3-8C-ITS-2100	
Operation feedback	Door Closing Response	When the "Close" button is pressed, the "Close" button light will be lit at the same time.	DCR	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Door Keep Open Light	When the DKO button is pressed, the indicator light will continue to illuminate for a certain period of time.	DKOL*49	Ⓐ	Ⓐ	Ⓐ	Ⓐ
	Door Open Light	When the "Open" button is pressed, the "Open" button light will be lit at the same time.	DOL	Ⓢ	Ⓢ	Ⓢ	Ⓢ
Elevator selection	Immediate forecast	Once a passenger registers for a hall call, the system will immediately select the most suitable elevator to respond to the call and notify the passenger via audio-visual signals.	AIL*50*51	—	—	Ⓐ	Ⓐ
	Car to Come Prediction	During peak operation, when one elevator cannot pick up all passengers, the hall forecast light of the next elevator will flash.	TCP*50*52	—	—	—	Ⓐ
Arrival announcement	Voice Announcer (Chinese)	Passengers are notified of relevant elevator information by the voice announcer (Chinese).	AAN-S01*53	Ⓐ	Ⓐ	Ⓐ	Ⓐ
	Voice Announcer (Announcement in Chinese and English in turn)	Passengers are notified of relevant elevator information by the voice announcer (announcement in Chinese and English in turn).	AAN-S02*53	Ⓐ	Ⓐ	Ⓐ	Ⓐ
	Voice Announcer (English)	Passengers are notified of relevant elevator information by the voice announcer (English).	AAN-S03*53	Ⓐ	Ⓐ	Ⓐ	Ⓐ
	Arrival Electronic Chime for Car	The electronic chimes prompt passengers that the car has reached the destination hall. (Electronic chimes are installed at the top and bottom of the car)	AECC*54	Ⓐ	Ⓐ	Ⓐ	Ⓐ
	Arrival Electronic Chime for Hall	The electronic chimes prompt passengers that the car has reached the destination hall. (Electronic chimes are installed at the hall)	AECH*54	Ⓐ	Ⓐ	Ⓐ	Ⓐ
	Floor Hall Button Light	When the elevator parks at the station and starts to open the door, the hall call button lights in the same direction flash to remind passengers of the arrival of the elevator. When the elevator door is closed in place, the button lights go out.	FHBL	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Flashing hall lantern	The lantern flashes to indicate the arrival of the elevator and its running direction.	FHL*55	Ⓐ	Ⓐ	Ⓐ	Ⓐ
Operation indication	Attendant Service Indication	The hall display shows that the elevator is in attendant service.	ASL*56	Ⓐ	Ⓐ	Ⓐ	Ⓐ
	Automatic hall operation indication	The hall display shows that the elevator is in an "automatic" state.	AUTL*56	Ⓐ	Ⓐ	Ⓐ	Ⓐ
	Bypass Light	The hall display shows that the elevator is in a "bypass" state.	BPL*56	Ⓐ	Ⓐ	Ⓐ	Ⓐ
	Direction Arrows in Car	The running direction of the elevator is indicated by arrows in the car.	DAC	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Direction Arrows in Hall	The direction of the elevator is indicated by arrows in the hall.	DAH	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Multimedia display in car	It can provide passengers with audio and video information (installed in the car).	EMIDS-C*57*58	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Hall multimedia display	It can provide passengers with audio and video information (installed in the hall).	EMIDS-H*57*59	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Exclusive Service Indication (Hall)	It displays that the elevator is in an exclusive service state.	EXCL*56	Ⓐ	Ⓐ	Ⓐ	Ⓐ
	Exclusive Service Indication (Car)	It displays that the elevator is in an exclusive service state in the car.	EXCLC*60	Ⓐ	Ⓐ	Ⓐ	Ⓐ
	FE Light in Car	When the elevator enters the FE function, this state is displayed in the car.	FELC*61	Ⓐ	Ⓐ	Ⓐ	Ⓐ
	FE Light in Hall	When the elevator enters the FE function, this state is displayed in the hall.	FELH*61	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	FER Light in Car	When the elevator enters the FER function, this status is displayed in the car.	FERC*62	Ⓐ	Ⓐ	Ⓐ	Ⓐ
	Inspection operation light	The hall display shows that the elevator is in an "Inspection" state.	INSPL*56	Ⓐ	Ⓐ	Ⓐ	Ⓐ
	Overload Holding Light	When the elevator is overloaded, the overload light is lit.	OLHL*60	Ⓐ	Ⓐ	Ⓐ	Ⓐ
	Hall Non-service Indication	It indicates that the elevator is stopped for service temporarily in the hall (for Hong Kong).	OSL*63	Ⓐ	Ⓐ	Ⓐ	Ⓐ
	Pet Lantern	The hall display shows that the elevator is in a "pet ride" running state.	PETL*56*64	Ⓐ	Ⓐ	Ⓐ	Ⓐ
	Elevator stop indicator	It indicates that the elevator is stopped for use at the hall.	RESL*56	Ⓐ	Ⓐ	Ⓐ	Ⓐ

- Notes:**
49. It is provided as standard when equipped with DKO-TB.
 50. When DOAS function is selected, it cannot be configured simultaneously with the following functions: AIL and TCP.
 51. When used together with the hall lantern, the floor position indicator cannot be selected.
 52. It is optional when UPS, DPS and LTS are selected.
 53. One of AAN-S01, AAN-S02 and AAN-S03 can be selected, which should be consistent with the display range of the hall.
 54. Either AECC or AECH is selected.
 55. It must be configured simultaneously with the hall lantern.
 56. Hall function lights include AUTL (automatic), BPL (full), EXCL (exclusive), RESL (out of service), INSPL (inspection) and ASL (attendant). See Table 6.2.1-3 for the display icons. ASL is optional when AS attendant service function is configured; BPL comes standard when ABP or BP function is configured; EXCL (exclusive) is provided as standard when HE-B (Health emergency - button) is configured and optional when VIP-S (VIP service) is configured.
 57. According to the product specification of EMIDS system, LEHY-PS2, when the operation panel with EMIDS function or EMIDS-C and EMIDS-H is configured, the customer needs to arrange the Ethernet network from the monitoring room to the control panel of the machine room for the release of EMIDS information.
 58. For details, refer to the product specification of EMIDS system, LEHY-PS2. When EMIDS-C function is specified, please indicate the following information on the non-standard countersignature form: the size, installation position, embedded type or wall-mounted type of LCD screen. Default configuration: the interface is a full screen interface, and the faceplate is made of hairline finished stainless steel.
 59. Refer to the product specification of EMIDS system, LEHY-PS1. When EMIDS-H function is specified, please indicate the following information on the non-standard countersignature form: the size, installation position, embedded type or wall-mounted type of LCD screen. Default configuration: the interface is a full screen interface, the embedded faceplate is made of hairline finished stainless steel, the wall-mounted faceplate is made of black acrylic, and the installation floor is the main service floor.
 60. Car indicators include OLHL (overload), FELC (firefighting) and EXCLC (exclusive). See Table 6.1.2-4 for icon styles. FELC is selected for firefighter elevators; EXCLC is provided as standard when HE-B (health emergency - button) is configured and optional when VIP-S (VIP service) is configured. OLHL is provided as standard in GB7588.1/2.
 61. It is optional when FE function is configured, and icon mask requires special treatment.
 62. It is optional when FER function is selected.
 63. It is provided as standard when used in Hong Kong.
 64. It is provided as standard when PRO function is configured.

Intelligence

Ⓢ standard Ⓐ optional Ⓓ Requires non-standard design — Not applicable

Feature	Description	Code	1C-2BC	2-4C-SM21	2-4C-ITS-21	3-8C-ITS-2100	
Intelligent call	Elevator call linkage	It realizes remote registration of elevator hall calls through linkage control with third-party building access control system or resident's indoor intercom.	ICS-AHR	Ⓐ	Ⓐ	Ⓐ	Ⓐ
	Elevator identification through mobile phone (with permission control)	The car or hall automatically registers or releases the access permission of the relevant floor upon phone blue tooth identification.	ICS-BT*65	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Take elevator by dynamic QR code identification	The car or hall can automatically register or releases the access permission of the relevant floor upon dynamic QR code identification. QR codes are generated by Mitsubishi APP.	ICS-DQR	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Take elevator by fingerprint identification	The car automatically registers or releases the access permission of the relevant floor upon fingerprint identification.	ICS-F*65	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Access control four-in-one identification	At the entrance of the building, owners are supported to verify their identities through IC cards, fingerprints, QR codes and human faces to release access control, automatically register or permit access to relevant floors.	ICS-G*65	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Take elevator by scan an IC card	When an IC card is scanned in the car or hall, the elevator automatically registers or releases the access of the relevant floor.	ICS-IC	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Take elevator by scan an ID card	When an ID card is scanned in the car or hall, the elevator automatically registers or releases the access of the relevant floor.	ICS-ID	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Take elevator by face identification	The car or hall automatically registers or releases the access of the relevant floor upon face identification.	ICS-P	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Indoor building intercom and access release	On the basis of the four-in-one access control identification terminal, visitors are supported to call the owners at home at the entrance of the building, the owners release the access control for visitors, and the system automatically registers or releases the access permission for relevant floors.	ICS-R	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Take elevator by static 2D code identification	The car automatically registers or releases the access permission of the relevant floor upon 2D code identification. 2D codes are generated by an APP provided by a third party.	ICS-SQR*65	Ⓢ	Ⓢ	Ⓢ	Ⓢ
Intelligent voice	Elevator identification through mobile phone (without permission control)	It registers the elevator via mobile phone Bluetooth in the car or hall to realize non-contact elevator riding without floor permission control.	ICS-UBT*65	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Car voice call	It registers floor(s) through voice in the car.	IVS-CR	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Hall voice call	It registers hall call(s) through voice at halls.	IVS-HC	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Hall voice registration of destination floor	It registers destination floor(s) through voice at halls.	IVS-HR	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Intelligent voice broadcast	Provide intelligent elevator voice broadcast, including greetings, tips and warning information.	IVS-VA	Ⓢ	Ⓢ	Ⓢ	Ⓢ
Intelligent allocation	Dynamic Rule Set Optimization	The system real-time selects the optimal group control rule set according to the traffic flow of the building predicted continuously using the artificial neural network technology.	DRO	—	—	—	Ⓢ
	Energy-saving Operation (Allocation Control)	When a new hall call occurs, the elevator is allocated after evaluating the running distance of each car (including the waiting time of passengers, the passing rate of full load, etc.), so that the overall running distance is shortened to achieve the purpose of saving energy.	ESO-W*66	—	—	—	Ⓐ
	Hall congestion monitoring system	The crowded degree of the hall is monitored by the number identification device installed at the hall, and the elevator is allocated in time and reasonably.	HCS	—	—	—	Ⓢ
Intelligent diagnosis	Neuron Traffic Flow Analysis	The peak traffic flow pattern is identified technology using artificial neural network technology.	NN	—	—	—	Ⓢ
	Learning Function	This function learns the changes of passenger flow in buildings every day, stores characteristic data and analyzes them, and forecasts the demand for elevators, so as to better assign elevators.	TLF	—	—	—	Ⓢ
Intelligent diagnosis	Door Sensor Self-diagnosis	If the non-contact door sensor is abnormal, the system will automatically force the door to close to keep the elevator running.	DODA	Ⓢ	Ⓢ	Ⓢ	Ⓢ
	Elevator Fault Diagnosis	It diagnoses the abnormalities and faults during the elevator's operation.	EFD	Ⓢ	Ⓢ	Ⓢ	Ⓢ

- Notes:**
65. Intelligent call is realized via mobile terminals or biometric technology.
 66. Floor position indicator cannot be selected at the same time.



SAFETY AND HARMONY

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