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Hitachi Yungtay Elevator Co., Ltd.

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Our Company reserves the rights to change the specifications, please be reminded that the information in regard with those changes shall not be notified later. Please contact our Company for further details.

Catalog No.YT-EL-0190 | 2023.11



ISO 9001



ISO 14001



ISO 45001

Yungtay Elevator

YUNG TAY ELEVATOR



YUNG TAY Elevator | Home Elevator
MAKE YOUR LIFE BETTER EVERYDAY

Intelligent

Equip a safety protection system and build a more accessible interface for elders or children.

Freedom

Spatial planning is no more extended restraint to activity, which your family members can freely choose any room they like to rebuild the new home life together of various generations.

Efficiency

Automatically turning into sleep mode during the non-utilization time, in which the car lighting and exhaust fans will shut down to optimize the energy distribution and to save electricity.

Convenience

Deregistration of the wrong floor and the IR safety protection device make the elevator door more sensitive, and there is no need to worry about mistaken floor registration.

TAKE A FREEDOM LIFE

Free Life Style with Elevator



Vertically connect the distance between generations, accompany you to travel freely, join family members, and reach each other with one touch, making the space accessible and unburdened. Taking the elevator becomes the best moment in life.

The Home Elevator establishes a comfortable and pleasing home life with sophistication and delicacy, where the Machine-Roomless design is adopted to maximize home space. Furthermore, the Central Control and Monitoring System are optional, which can connect with our service center network in real-time to guard your and your family's safety 24 hours a day.

- 3 Smart Home
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Communication Function

Configure the phone and intercom to collocate with a direct line for external communication when the intercom is used for internal communication with continuous signals, making the elevator non-isolated.

Emergency Lighting System

When a power failure occurs, the emergency lighting installed on the ceiling will automatically ignite to provide the passengers with a secure environment waiting for evacuation.

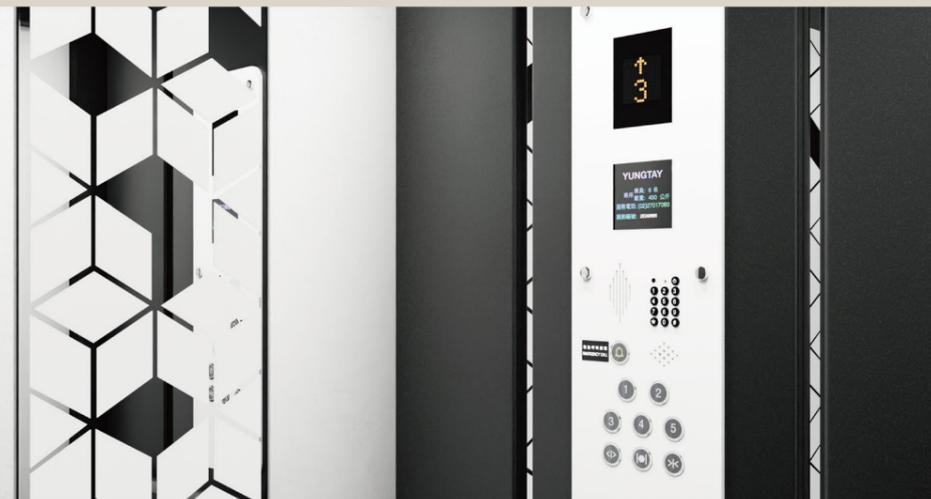
Remote Monitor – Optional Recommended

The remote monitor system is optional to purchase in need of users. This system connects to the service center network in real-time, 24 hours daily, to secure elevator utilization and ensure safety.



Door Pinching Prevention Design

IR light curtain is applied to replace the traditional pinch prevention design to detect the entrance of personnel; the elevator door will stop closing once IR detects any object blocking the door and will reopen for passengers to enter/exit safely.



01 Diversity Interior Design

To match your home style, we present the five major series: Marbling 3F, Gothic 3F, luxury 3F, Grace 3F, and Meaningfulness 3F, realizing your uniqueness.

02 Energy Saving Plan

The car lighting and fans will automatically turn into sleep mode to save energy if no passengers use the elevator for a while.

03 Safety Operation

If any abnormality is detected, the elevator will land on the nearest floor to guarantee the safety of the passengers.

04 Overspeed Protection

The elevator will automatically cut off the power source if the car exceeds the specified speed.



MARBLING 3F



Specification

Ceiling	Steel Plate with Silver Grey Baked Painting (1-36) Matching with Energy-saving White Light LED
Car Operation Panel	Model US-7F: Champagne Silver Baked Painting (J191) Attached Floor Indicator
Side Wall (non-OPB side)	Steel Plate with Colored Pattern (SNP-2) + Mirror Finish Stainless Steel
Side Wall (OPB side)	Steel Plate with Colored Pattern (SNP-2)
Rear Wall	Steel Plate with Colored Pattern (SNP-2) + Colored Pattern Decorative Strip (SNA-24) + Mirror Finish Stainless Steel
Floor	PVC Imitation Stone Floor Tiles (DF216)
Car Interior Door and Jamb	Steel Plate with Colored Pattern (SNP-2)
Hall Entrance Door and Jamb	Steel Plate with Colored Pattern (SNP-2)
Hall Operating Indicator	FOX-LED – Attached Car Calling Button and Floor Indicator
Handrail	Crystal Acrylic Handrail

MAKE YOUR LIFE BETTER EVERYDAY

This catalog is only for reference. Any modifications shall not be additionally informed, and the specifications still depend on the actual conditions.



GOTHIC 3FA



Specification

Ceiling	Steel Plate with Black Baked Painting (K090A) Matching with Energy-saving White Light LED
Car Operation Panel	Model US-8F: White Baked Painting (1N) Attached Floor Indicator
Side Wall	Steel Plate with Colored Pattern (A101) + Mirror Plate Stainless Steel Decorative Strip (SUS-M)
Rear Wall	Left / Right Plate - Steel Plate with Colored Pattern (H155) Middle Plate - Mirror Finish Stainless Steel
Floor	PVC Imitation Stone Floor Tiles (DF819)
Car Interior Door and Jamb	Door - Steel Plate with Colored Pattern (H155) Jamb - Steel Plate with Colored Pattern (A101)
Hall Entrance Door and Jamb	Steel Plate with Colored Pattern (H155)
Hall Operating Indicator	FOX-LED – Attached Car Calling Button and Floor Indicator
Handrail	Crystal Acrylic Handrail

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LUXURY 3FA



Specification

Ceiling	Steel Plate with Black Baked Painting (K090A) Matching with Energy-saving White Light LED
Car Operation Panel	Model US-8F: Champagne Silver Baked Painting (J191) Attached Floor Indicator
Side Wall (non-OPB side)	Steel Plate with Colored Pattern (SNC-25) + Middle Plate - Mirror Finish Stainless Steel
Side Wall (OPB side)	Left / Right Plate - Steel Plate with Colored Pattern (SNC-25) Middle Plate - Steel Plate with Black Baked Painting (K030A)
Rear Wall	Left / Right Plate - Steel Plate with Colored Pattern (SNC-25) Middle Plate - Steel Plate with Colored Pattern (SNC-12) + Mirror Plate Stainless Steel Decorative Strip (SUS-M)
Floor	PVC Imitation Stone Floor Tiles (DA773)
Car Interior Door and Jamb	Door - Steel Plate with Colored Pattern (SNC-12) Jamb - Steel Plate with Colored Pattern (SNC-25)
Hall Entrance Door and Jamb	Steel Plate with Colored Pattern (SNC-12)
Hall Operating Indicator	FOX-LED – Attached Car Calling Button and Floor Indicator
Handrail	Crystal Acrylic Handrail

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ELEGANCE 3FA



Specification

Ceiling	Steel Plate with Brown Baked Painting (1-51) Matching with Energy-saving Yellow Light LED
Car Operation Panel	Model US-5F: Champagne Silver Baked Painting (J191) Attached Floor Indicator
Side Wall	Left / Right Plate - Steel Plate with Black Baked Painting (SNC-12) Middle Plate - Steel Plate with Colored Pattern (B103)
Rear Wall	Left / Right Plate - Steel Plate with Black Baked Painting (SNC-12) Middle Plate - Stainless Steel with Mirror Finish Etching
Floor	PVC Floor Tile : (536) Frame : (505)
Car Interior Door and Jamb	Steel Plate with Colored Pattern (B103)
Hall Entrance Door and Jamb	Steel Plate with Colored Pattern (B103)
Hall Operating Indicator	FOX-LED – Attached Car Calling Button and Floor Indicator
Handrail	Hickory Pattern Handrail

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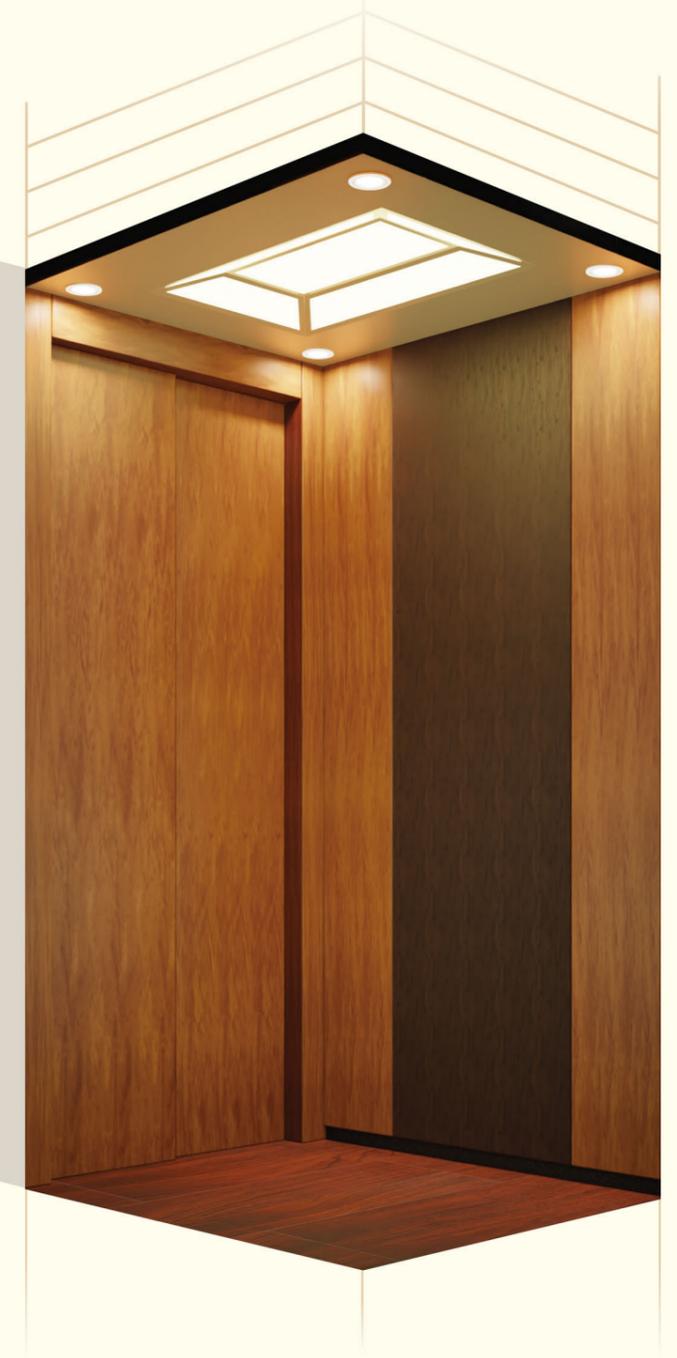


Meaningfulness 3FA



Specification

Ceiling	Steel Plate with Umber Baked Painting (1-84) Matching with Energy-saving Yellow Light LED
Car Operation Panel	Model US-7F: Umber Baked Painting (1-84) Attached Floor Indicator
Side Wall	Left / Right Plate - Steel Plate with Colored Pattern (SNA-7) Middle Plate - Steel Plate with Colored Pattern (SNW-9)
Rear Wall	Left / Right Plate - Steel Plate with Colored Pattern (SNA-7) Middle Plate - Stainless Steel with Mirror Finish Etching
Floor	PVC Floor Tile : (8PE)
Car Interior Door and Jamb	Steel Plate with Colored Pattern (SNA-7)
Hall Entrance Door and Jamb	Steel Plate with Colored Pattern (SNA-7)
Hall Operating Indicator	FOX-LED - Attached Car Calling Button and Floor Indicator
Handrail	Hickory Pattern Handrail



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Operating Panel and Floor

- Ultra-Thin Hall Indicator, Breathing Light with Rhythmic Flash. Extreme Slim and Thin, Extreme Exquisiteness.



DIG-C
OPTION

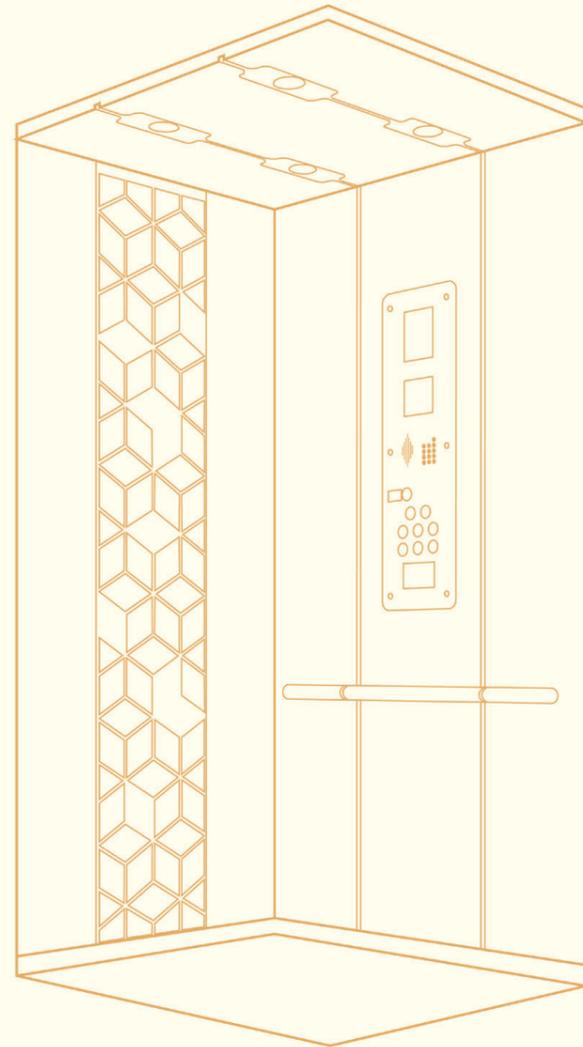


FOX-LCD
OPTION



FOX-LED

8PE 8TB 8TC

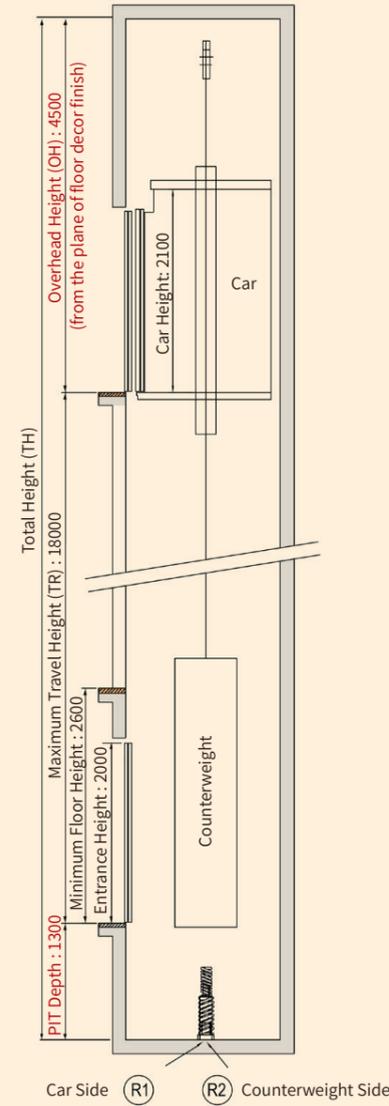


Wall and floor finishing
(by other contractors)

Building structure
(by other contractors)

Position	Reaction Loading
R1	3500KG
R2	2700KG
R3	1700KG
R4	1850KG
R5	450KG
R6	600KG

Hoistway Section



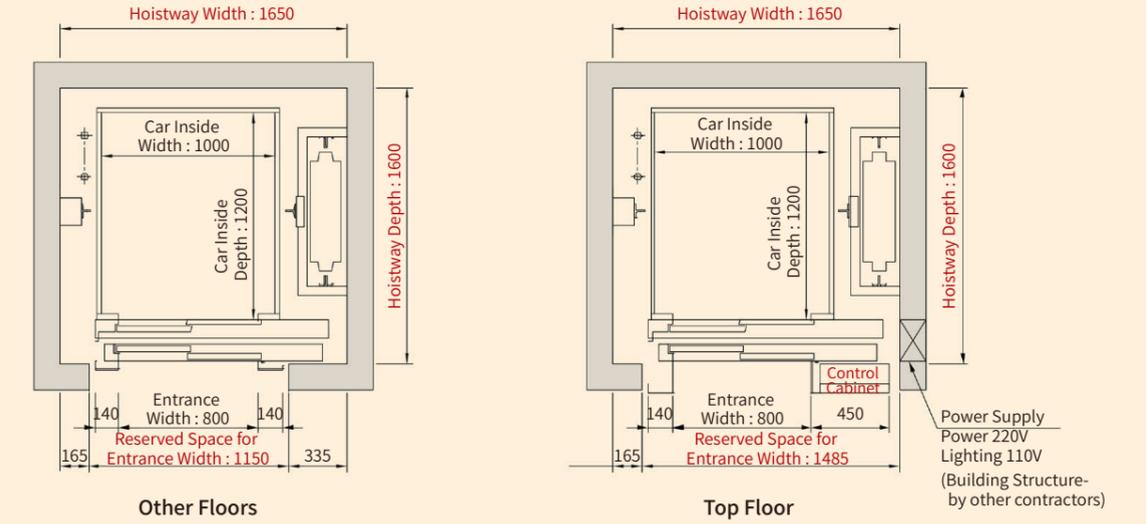
Unit : mm

Entrance Section

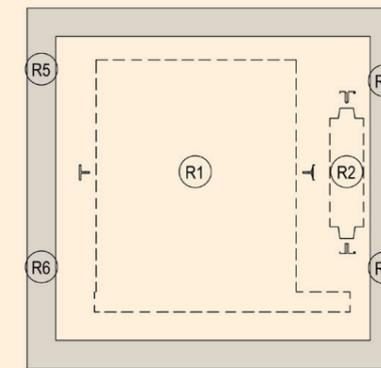


Unit : mm

Hoistway Layout

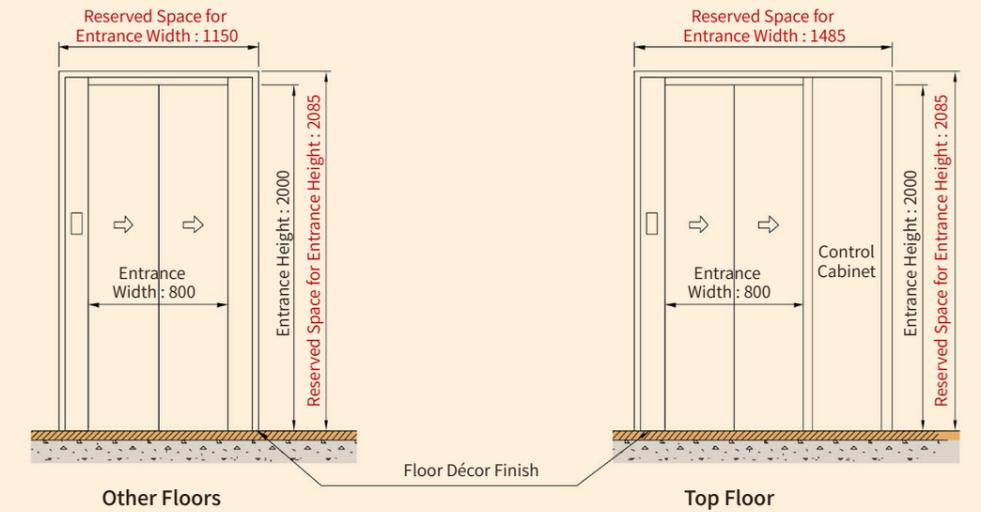


Reaction Loading Layout of Pit and Top Floor



Unit : mm

Detailed Dimension of Entrance



Operating Functions

Energy Saving Function	○	The car lighting and fans will stop running to save energy when the car is vacant for a while and will restart running if there is any calling from other floors.
Overload Protection Function	○	The load inspection apparatus installed on the bottom of the elevator car will send a warning and cannot be operated whenever overload is detected.
Low-Speed Safe Landing when Malfunction	○	If the car has stopped between floors due to some equipment malfunction, the car will automatically move to the nearest level at low-speed and open the door. And then, the elevator will turn into out of service state while the car being vacant.
Emergency Lighting	○	In the event of power failure, the emergency lighting installed on the car ceiling will automatically ignite.
Overspeed Protection Function	○	The elevator will automatically cut off the power source if the car exceeds the specified speed.
Overload Return Safety Device (ORS)	○	If an external force interferes during the door closing/opening, and this force exceeds the specified threshold, the elevator door will move in the reverse direction to ensure safety.
Out-of-Service Operation	○	For building management needs such as nights and holidays, the elevator needs to be parked; or when the elevator demand is low, the elevator is called back to the parked floor and stopped to save energy.
Car Call Cancellation	○	Deregister a mistaken floor by pressing the same floor button twice within 3 seconds
Next Floor Landing Function	○	When the car arrives on the floor but cannot fully open the door for any reason, such as object blocking, the car will travel to the next floor and automatically open the door. Also, when the car cannot successfully close the door due to the object stuck in the sill, the door will automatically open repeatedly until the object is removed.
Car Call Cancellation at Reversal	○	When the elevator changes direction, the system will cancel the previously registered floor, which can avoid invalid stops and save electricity.

Signal and Display

Interphone System	○	When an emergency occurs in the car, press the emergency call button for more than 3 seconds, and the system will dial the preset outside line to ask for help. (six groups of phone numbers can be preset)
Intercom	○	In the event of an emergency, press the emergency button to communicate with the administrator.
Intercom Central Management	○	A community group can connect a direct line to the administrative room for the central management to rescue personnel in case of an emergency.
Arrival Lighting in Hall (floor indicator blinking)	○	As the elevator travels, the directional arrows begin to flow. When the building name flashes, the elevator is about to arrive.
Arrival Lighting in Car (landing floor button blinks)	△	The floor button in the car will flash to notify passengers in the car that the elevator is about to arrive.

Special Operating Function

Automatic Landing Device for Power Failure (ALP)	○	In the event of a power failure, the device will replace the regular power supply, and the elevator will automatically move to the nearest floor to allow passengers to exit the car safely, thereby avoiding the situation where passengers are locked in the elevator during a power failure.
Earthquake Emergency Operation	△	When the earthquake sensor is activated, the running elevator will automatically run to the nearest step and stop service. Simultaneously, "Earthquake Control" will be displayed in the operation panel.
Fire Emergency Operation	△	When a fire occurs, the elevator will automatically run to the preset fire escape floor through the fire switch and then stop.

Comfort and Convenience

Extended Door Opening Time Button	○	Pressing the door opening button can extend the elevator door opening hold time.
Infrared Light Curtain	○	The elevator will promptly detect any people or objects blocking the infrared light curtain and reopen the door during the closing process, improving passengers' safety.
Mechanical Safety Shoe + Ultra-thin Light Curtain	△	During the door-closing process, if the person or object blocks the infrared rays emitted by the light curtain or collides with the safety shoes at the end of the elevator door, the elevator immediately stops and reopens the closing the door, which doubles the safety of passengers.

Monitor and Supervision Function

Monitoring and Control System (CCTV)	△	Through this device, the superintendent of the building can observe the situation in the elevator car to prevent the occurrence of crimes.
Card Reader Interface	△	Provide contact points for card reader machines in elevator halls or cars, reserve holes in the inner wall panels of the car, and assist in the installation of card reader machines so cardholders can use the elevator. (link with OPTION operating panel DIG-C)
Remote Surveillance	△	The remote surveillance system is the tech product of YUNATAY to serve our customers 24 hours a day. Through the advanced telecom network as well as the global elevator connection, we can grasp the safety conditions of our customers' elevators in real-time, making the passengers safer and the maintenance more efficient.
Central Control and Monitoring System (YECM)	△	The YECM system transmits the elevator operation signal in the operation panel to the monitoring computer through digital communication. The administrator can monitor the running status of the elevator, set the running mode, issue control commands, perform statistical analysis of the elevator operation, make reservations, and record the faults of the elevator.
Supervisory Panel	△	The device consists of a display part for monitoring the running status of the elevator, an operation part for elevator operations, and an intercom for communication with the car.

Specification

Specifications	Passenger / Loading	6 passengers / 450 kg	Rated Speed	45 m/min	Control Method	AC-WF
	Lighting Supply	AC 1Φ 110V	Power Supply	AC 1Φ 220V or AC 3Φ 220V	Motor Capacity	3.7KW
Hall	Entrance Door, Door frame	Steel Plate with Colored Pattern	Operating Panel	FOX LED	Entrance Dimension	800 ^W × 2000 ^H (mm)
Car	Car Model	Marbling 3F, Gothic 3FA, luxury 3FA, Grace 3FA, and Meaningfulness 3FA	Car Handrail	Crystal Acrylic or Hickory pattern	Car Floor	PVC Floor Tile
			Kickplate	Steel Plate with Black Baked Painting (indent type)	Dimensions of Car Interior	1000 ^W × 1200 ^D × 2100 ^H (mm)
Dimensions of Construction	Hoistway Dimensions	1650 ^W × 1600 ^D (mm)	Maximum Landing Floor	6F	Maximum Travel Height (TR)	18000 (mm)
	Minimum Height of Overhead Height (OH)	4500 (mm)	Minimum Height of Other Floors	2600 (mm)	Pit Depth	1300 (mm)

Type	○	Standard	△	Option
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Dwelling in every bit of breathing,
Yungtay Elevator accompanies you to live a life of liberty.

Our Commitment

We Pre-conceive customer needs, guard the vertical passage, improve the elevator's safety, and carefully escort every member to the floor whenever necessary. Making the elevator the most silent and powerful partner in the home and accompanying you to spend your free time with peace of mind.

Under the cornerstone of 50 years of experience, with steady and careful craftsmanship, the operation is easy, and the safety protection hidden in the details shines between pressing, opening, and closing. All the heart, just for your freedom of movement.

