

SAFE · HI-TECH · HUMAN



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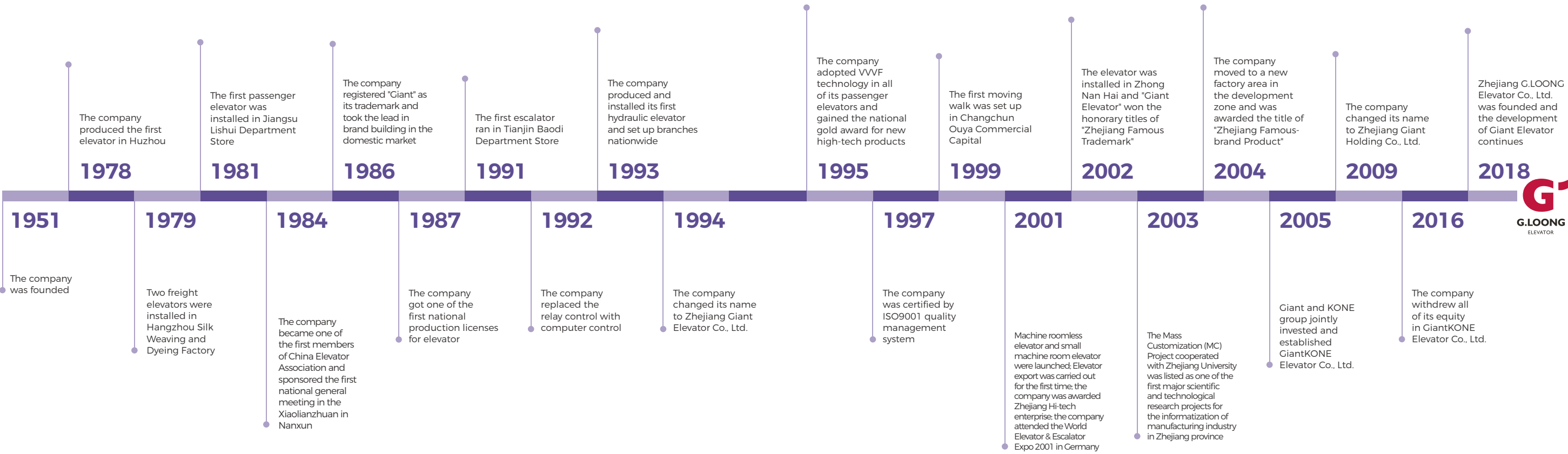


PASSENGER ELEVATOR

FROM GIANT TO G.LOONG

"G.LOONG Elevator", formerly known as "Giant Elevator", is a wholly-owned subsidiary of Zhejiang Giant Holding Co., Ltd. "Giant Elevator" is dedicated to the elevator industry for 40 years and it is one of the most famous elevator companies in China. "G.LOONG Elevator" continues the development of "Giant Elevator".

Based on technology and driven by innovation, the company produces the best elevators and realizes product intelligence to meet the customized needs and adapt to different buildings and various places. The company is committed to promoting customer value and supporting urban development.



PASSENGER ELEVATOR



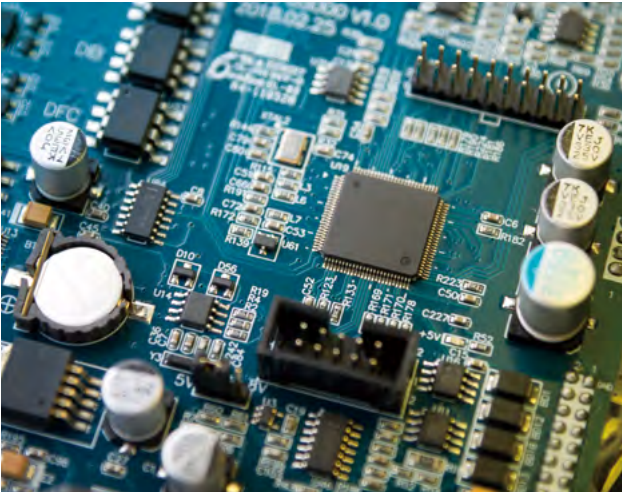
The innovative design philosophy of G.LOONG and the integration of advanced technologies such as PM sync traction technology, vector full digital driving technology, modular design technology, etc., make the products safer and more comfortable, energy-saving and efficient. The compact layout saves construction space and cost, and brings unlimited design space to buildings. G.LOONG elevators, highlighting safety, technology, user-friendly design, are widely used in residential buildings, office buildings, hotels, schools, shopping malls, hospitals and other public buildings.

Product		Machine roomless passenger elevator	Small machine room passenger elevator	Small machine room passenger elevator	Small machine room passenger elevator
Model		GLP500	GLP501	GLP511	GLP701
Load range kg	Max	1600	1150	1600	1600
	Min	630	630	630	1000
Speed range m/s	Max	1.75	2.5	3.0	4.0
	Min	1.0	1.0	1.0	3.5
Lifting height m	Max	75	130	150	200
	Min	2.66	2.66	2.66	48
Maximum landing		28	40	63	63



Safety

Safety is the first element that is emphasized through the entire life cycle of products.



Research and Development: national standards are strictly implemented. Products are equipped with ACOP, UCMP, high-duty landing door, deterrent device, overspeed governor, safety gear and other safety protection devices with real-time monitoring and multiple protection to ensure safety.

- △ The monitoring subsystem integrated in the control system instantly detects any unexpected movement of lift car
- △ The integrated ascending over-speed protection device and unexpected movement stop subsystem keeps the lift car stopped status

Automatic braking force self-monitoring system verifies the reliability of the braking force constantly

High-duty landing door effectively prevents passengers from falling into the hoistway

- △ Door system deterrent device prevents passengers from opening the car door from inside and falling into the hoistway

Infrared COL covers the entire car door to ensure passengers enter and leave the car safely



Manufacturing: inspection and control are on every level from raw materials incoming to each processing node of components. Advanced manufacturing equipment, sophisticated processing technology and strict factory inspection criteria ensure the best performance of products before delivery.



Installation: 100% safe of every equipment is guaranteed by pre-assembled components, modular installation processes, professional installation technicians, strict self-checking before operation and official inspection before delivery.



Maintenance: professional maintenance engineers provide careful maintenance regularly and eliminate safety hazards in a timely manner to ensure that the equipment is always in best status and create a safe and comfortable riding environment for passengers.

Reliability

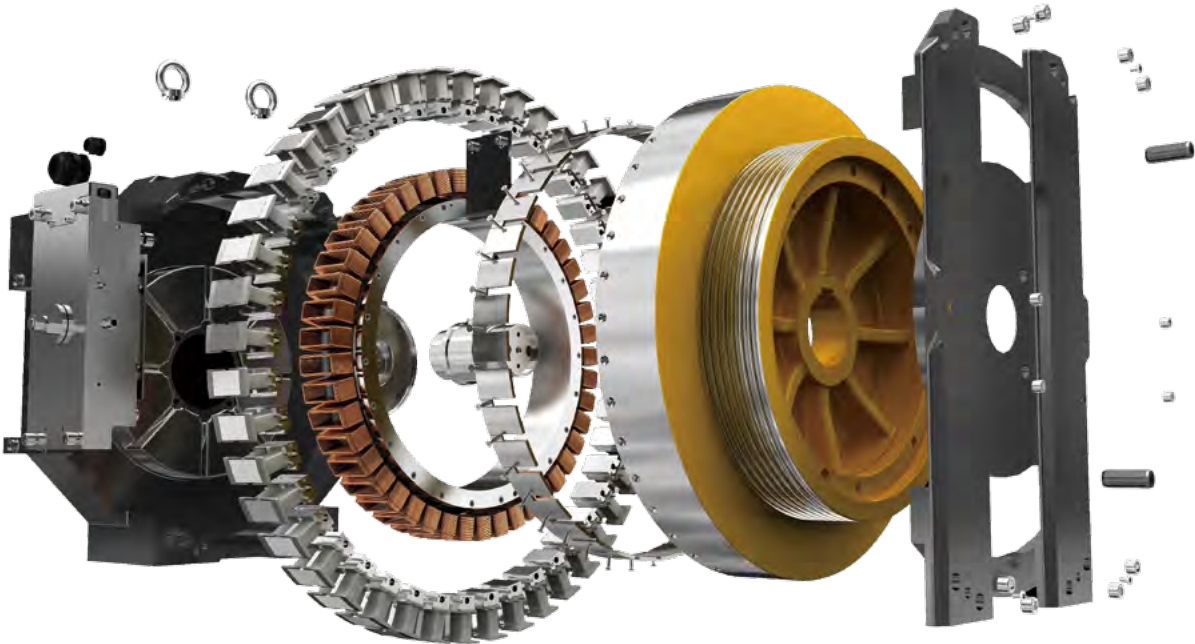
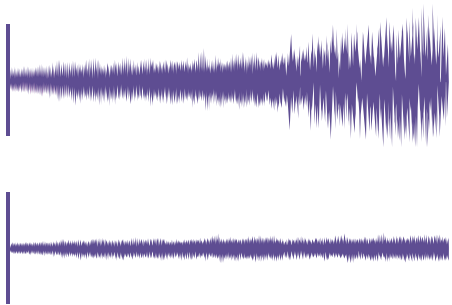
The traction system, door system and other main component systems passed rigorous reliability tests to ensure reliable operation of elevators under long-term, heavy-load conditions

The button with anti-drop design is robust and reliable, endure improper use

Self-developed double-braced highly-efficient PM sync gearless traction machine



- △ High magnetic flux density electromagnetic structure features high efficiency and low noise
- △ More uniform force and more stable structure effectively reduce the wear of the traction wire rope and prolong the service life of bearings
- △ High peak torque and strong overload capacity enable stable and reliable operation
- △ Unique stator and rotor manufacturing processes ensure low temperature rise and long service life of motor



High performance

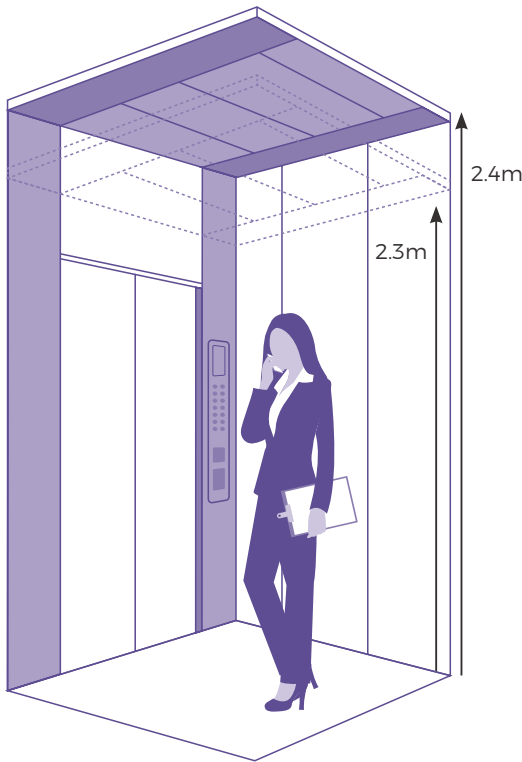
A number of comfort configurations ensure a smooth and peaceful ride.

The control system adopts dual 32-bit processor, which is fast in operation, accurate in data processing with enhanced stability

Integrated control and drive realize compact structure, simplify external wiring and improve operational reliability

Software and hardware redundancy design, multi-level fault handling minimize the occurrence of stop and ensure safe operation of elevators

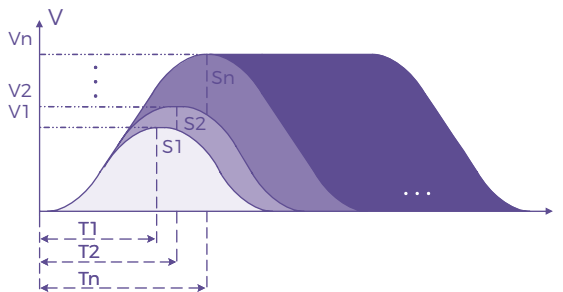
Control system integrated with torque compensation technology without weighing and distance-based direct docking technology provide good start-stop comfort and riding efficiency



2,400mm-high car, 100mm higher than the traditional car, provides passengers with larger riding space

Braille button reflects humane care

The intelligent and systematic expert group control management based on FNN theory realizes elevator configuration according to passenger flow, improves elevator utilization, reduces waiting time and optimizes riding experience



- △ Excellent performance: each elevator prepares for all the calls, and the system controls that the elevator operates in the best way
- △ Environmental protection and energy saving: optimum car allocation shortens the total distance of operation of all cars, and reduces energy consumption
- FNN intelligent scheduling algorithm reduces system response and riding time
- △

Energy saving

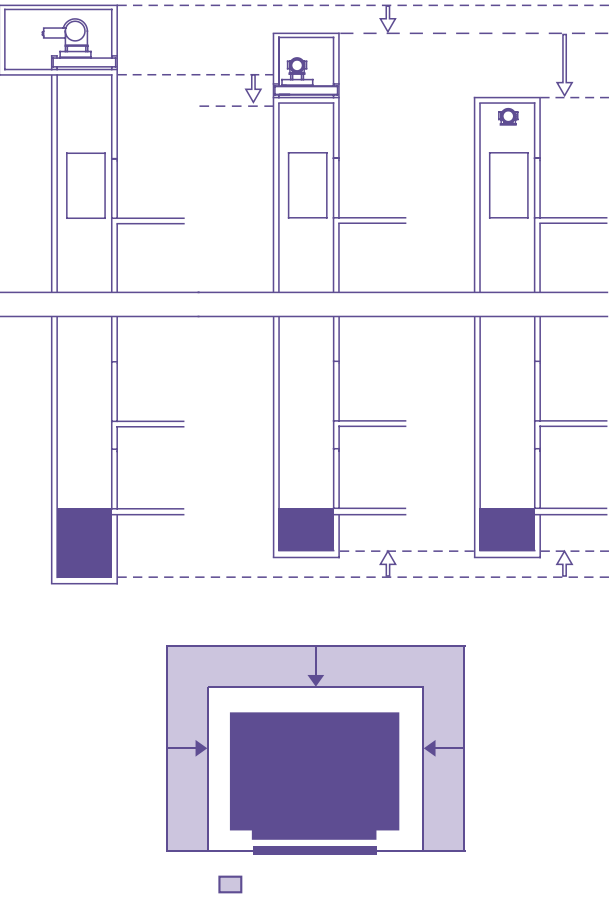
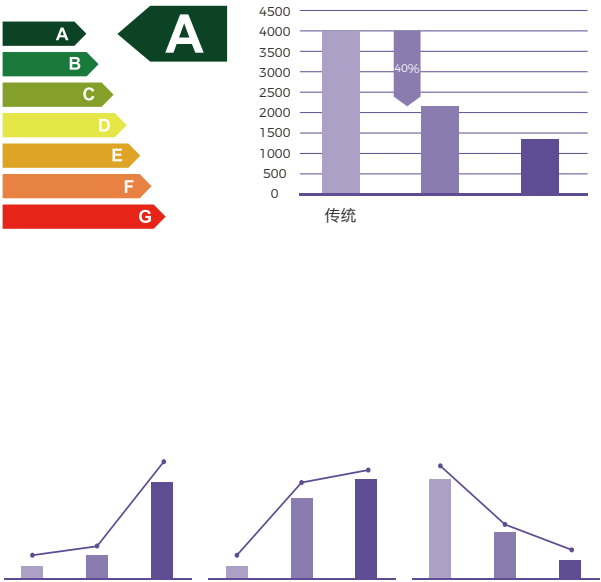
We are committed to improving space utilization and reducing construction costs for customers.

PM synchronous traction machine and integrated controller with compact size and layout reduce the area of machine room

The area of the machine room is the same as the area of the hoistway, which is only 50% of the area of the traditional machine room

Benefiting from the intricate structural arrangement and component design, the hoistway area is reduced by 20% compared to the traditional elevators required for buildings, and the top floor and pit are reduced by at least 1,000mm

The machine roomless elevator saves more building space



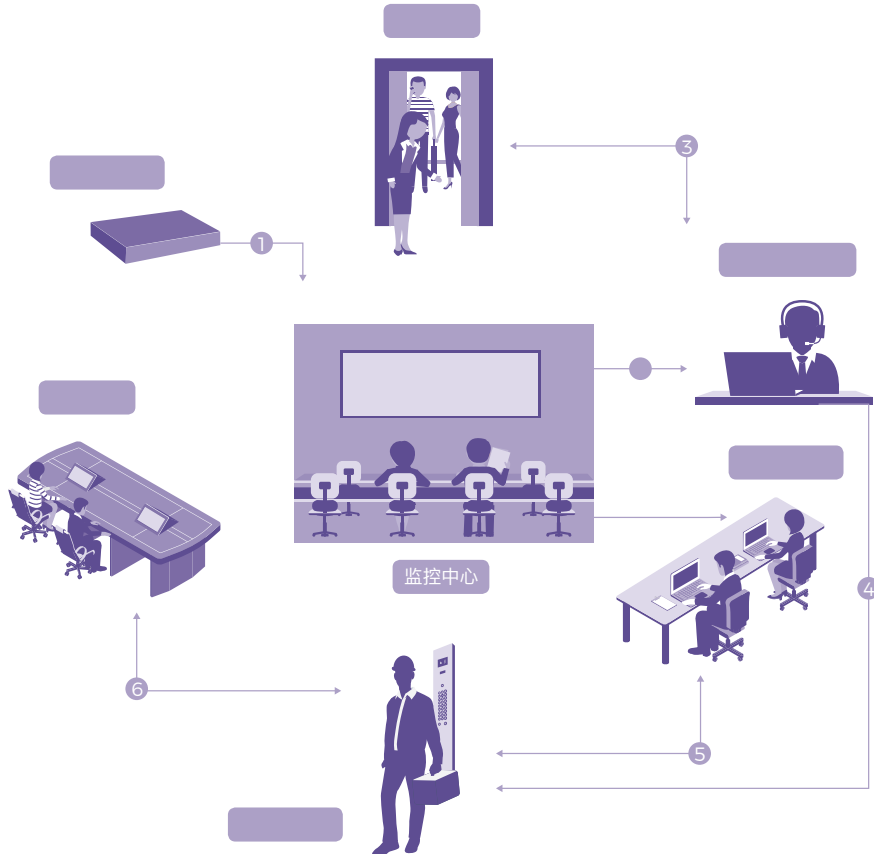
Adhering to the product development philosophy of "energy-saving and environmental protection", we apply advanced green technology to produce low-energy consumption products.

Product energy efficiency class reaches Level A

Digital frequency conversion technology and PM synchronous traction technology adjust motor current in real time and greatly reduce the average current during motor operation to save energy

Energy feedback system based on dual PWM control technology transforms the potential energy in elevator operation into electric energy and sends it back to the power grid, which turns the elevator into a “green generator” and realizes energy recycling

The lighting system adopts LED technology that features high efficiency, energy saving, long life, environmental protection, no radiation, easy maintenance to create a low carbon life



Internet + Monitoring center

Automatic trouble warning and remote assistant

50%

50% improvement in efficiency of malfunction acceptance compared with traditional way

60%

60% of malfunctions are actively solved by the system which greatly reduces the pressure on property management

15%

15% improvement in troubleshooting efficiency

Intelligence

The remote monitoring system for elevator operation safety based on the IoT technology monitors the elevator operation in real time and realizes comprehensive prevention and emergency treatment of elevator failures.

Remote diagnosis, fault warning and fault alarm

Preventive maintenance, maintenance process supervision and personnel work records

Pre-warning against expiration of maintenance, warning against maintenance overdue, quality inspection reminder

Component service life management

Audio care for passengers

Easy maintenance

Modular design maximizes the diversity and interchangeability of components

The electrical system adopts modular plug-in connection program

Maintenance free for motor

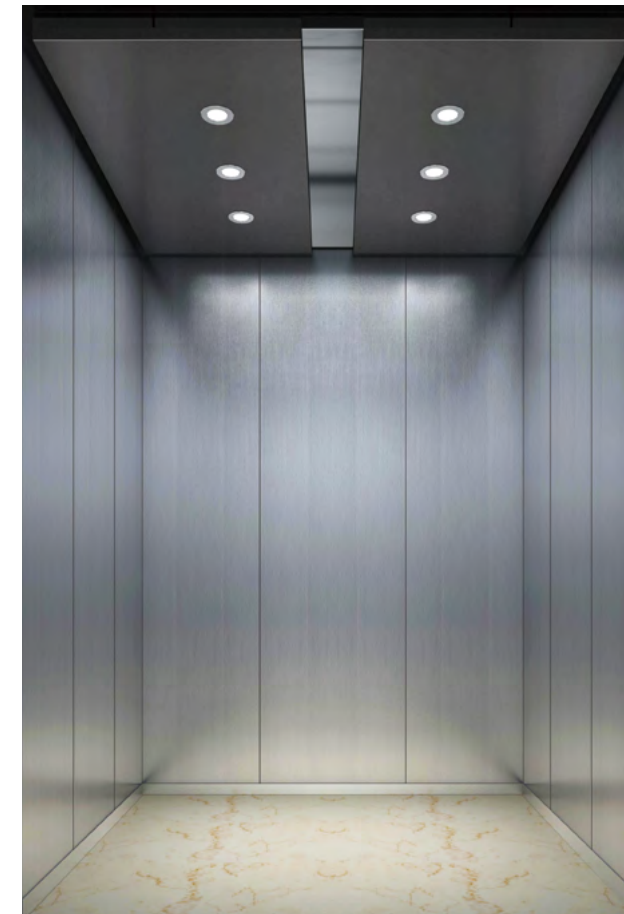
Elevator black box samples and records elevator operation data for effective analysis on accidental faults

Self-repair of faults, self-diagnosis of landing call stuck restore elevator operation

ELEVATOR DECORATION

Car decoration

The exquisite craftsmanship and elegant design are suitable for different architectural styles to bring wonderful riding experience.



G2DC047

Ceiling

Dark grey painted steel
Mirror polished stainless steel
Down lamp

Back wall

Brushed stainless steel

Side wall

Brushed stainless steel

Front wall

Brushed stainless steel

Skirting

Brushed stainless steel

Floor

PVC PVC



G2DC045

Ceiling

Black painted steel
White diffuser

Back wall

Glass mirror
Champion gold painted steel
Black painted steel

Side wall

Champion gold painted steel
Black painted steel

Front wall

Black painted steel

Handrail

Brushed stainless steel tube

Floor

Marble

G2DC049

Ceiling

Black painted steel frame
Black mirror polished stainless steel
White diffuser, down lamp

Back wall

Artificial stone
Black mirror polished stainless steel

Side wall

Artificial stone
Black mirror polished stainless steel

Front wall

Brushed stainless steel

Floor

Marble with pattern



G2DC050

Ceiling

Diamond silver painted steel frame
Mirror polished stainless steel
White diffuser, down lamp

Back wall

Mirror etched stainless steel
Mirror polished stainless steel

Side wall

Mirror polished stainless steel
Brushed stainless steel

Front wall

Brushed stainless steel

Floor

Marble with pattern



G2DC048

Ceiling

White painted steel
Black painted stainless steel
White diffuser, down lamp

Back wall

White painted steel
Mirror polished stainless steel
with black painted strip

Side wall

White painted steel

Front wall

White painted steel

Handrail

Black painted tube

Floor

PVC PVC



G2DC051

Ceiling

Wood grain colored steel
Dark grey satin painted steel
Dark grey sand textured painted strip
Down lamp, diffuse reflection light

Back wall

Dark grey sand textured painted strip
Wood grain colored steel
Mirror polished stainless steel with
dark grey satin painted steel

Side wall

Wood grain colored steel
Brushed stainless steel strip

Front wall

Brushed stainless steel

Handrail

Flat shaped brushed stainless steel
LED diffuse reflection

Floor

Brushed stainless steel



Ceiling decoration



GL52501001

Dark grey painted steel, mirror polished stainless steel, down lamp

Ventilation: from two sides or back side



GL52503001

Diamond silver painted steel, dark grey painted steel, LED square lamp

Ventilation: from two sides or back side



GL52505001

Sliver grey satin painted steel, light belt with white diffuser, down lamp

Ventilation: from two sides or back side



GL52507001

Black sand grain painted steel, white diffuser

Ventilation: from two sides or back side



GL52502001

Diamond silver painted steel, dark grey painted steel, down lamp

Ventilation: from two sides or back side



GL52504001

Diamond silver painted steel, dark grey painted steel, LED square lamp

Ventilation: from two sides or back side



GL52506001

Mirror polished stainless steel, white diffuser

Ventilation: from two sides or back side



GL52508001

Champion sand grain painted steel, black sand grain painted steel frame, white diffuser, down lamp

Ventilation: from two sides or back side

Handrail decoration



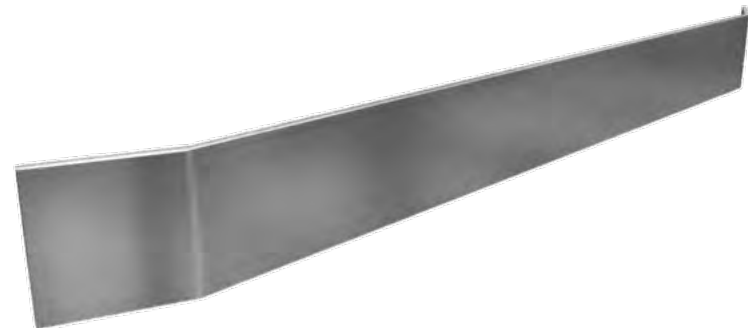
GL52601001

Stainless steel tube



GL52601002

Stainless steel tube



GL52601003

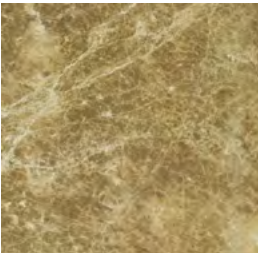
Flat shaped stainless steel

Floor decoration



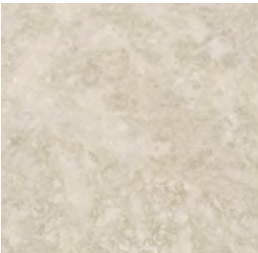
GL58310001

Marble



GL58309001

Marble



GL58307001

Marble



GL58306001

Marble



GL58301001

PVC



GL58301003

PVC



GL58301007

PVC



GL58302001

PVC

Door panel decoration

The various styles and diversity of materials are suitable for the architectural decoration.



Painted steel panel
Grey painted steel

Stainless steel panel
Brushed stainless steel

GL52701001
Brushed stainless steel with mirror spot etching



GL52702001
Golden mirror polished stainless steel with sand blasting etching

GL52703001
Golden mirror etched stainless steel

GL52704001
Black brushed stainless steel with etching



GL52705001
Rose golden mirror etched stainless steel

GL52706001
Black stainless steel with mixed textures including brushed, mirror polished, and non-directional processed

GL52707001
Black mirror etched stainless steel

Human machine interface

The fashion, beautiful and user-friendly design reflects the perfect combination of art, technology and craftsmanship.

COP&LOP



FUNCTION

S O

Function	Description of Functions	GLP501 GLP511	GLP701	GLP500
Safety Functions				
Auto-leveling operation	When elevator stop without door zone due to inspection or failure, elevator will run low speed to nearest floor and open the door to normal base on safety after failure reset.	S	S	S
Zero-speed stop on inspection	Zero-speed stop on inspection will minimize the the brake wearing.	S	S	S
Car top emergency exit	If the emergency exit contact is open, safety circuit is not closed and the car is prevented from moving.	O	O	O
Failure self-diagnostic	Self-diagnostic and failure record is available in elevator system, and is convenient for maintenance on trouble shooting.	S	S	S
Brake feedback detection function	Full monitoring is set in control system on brake open, and the elevator will stop once actual status of brake incoherent with defined.	S	S	S
Speed feedback detection function	Once elevator detects the actual speed incoherent with defined, safety circuit is open and elevator stops.	S	S	S
Contactor feedback detection function	No matter elevator at standby or operation mode , once the contactor is detected at abnormal status, elevator stops.	S	S	S
Limit switch protection	When elevator car exceeds limit position, limit switch is open, safety circuit is not closed and car stops.	S	S	S
Safety gear switch protection	When safety gear operates, the safety gear switch will operate simultaneously, safety circuit is open and elevator stops.	S	S	S
Ascending car over-speed protection	When ascending car is over-speed, speed governor switch operates, safety circuit is open, the ascending car over-protection device operates and car stops.	S	S	S
Speed governor tension switch protection	Once detect slack or broken of speed governor rope, safety circuit is open and elevator stops.	S	S	S
Buffer switch	When car exceeds to buffer operation distance and buffer switch operates, safety circuit is open and elevator stops.	S	S	S
Door lock short-circuit detecting	Elevator detects the door lock, once the short-circuit is detected, elevator stops.	S	S	S

Function	Description of Functions	GLP501 GLP511	GLP701	GLP500
Car top emergency stop switch	After pressing car top emergency stop switch, safety circuit is open and elevator stops.	S	S	S
Pit emergency stop switch	After pressing pit emergency switch, safety circuit is open and elevator stops.	S	S	S
Terminal floor protection	When car operates to terminal floor, it will be forced to decelerate when pre-set deceleration does not start, and protect elevator safety operation.	S	S	S
Overload protection	When car load exceeds rated load, overload device operates, buzzer chimes, overload is indicated, car door keeps open and elevator does not start.	S	S	S
Car opening protection	When door can't be fully-open and exceed the pre-defined time due to mechanical stuck, etc, the car calls and landing calls will be cancelled automatically, and elevator will operate to the next floor to rescue passengers.	S	S	S
Car closing protection	When door can't be fully-close and exceed the pre-defined time due to mechanical stuck, etc, after elevator conducts door closing with three times, the closed signal is not detected, elevator will turn to protection mode automatically, when door is detected as normal closed, elevator will resume normal operation.	S	S	S
Motor thermal protection	When motor temperature exceeds pre-set, elevator will turns to protection mode automatically and park at nearest floor, door is open to rescue passengers in safe way, and car lighting and fan is closed, when the normal temperature recovers, elevator will resume normal operation.	S	S	S
Power failure detecting	When detects phase failure, elevator is protected automatically and stops, when power supply becomes steady, the elevator will resume normal operation.	S	S	S
Car alarm	When elevator at emergency, passengers press car alarm button and give an alarm.	O	O	O
Brake torque detecting function	Brake torque can be detected automatically or manually by control system.	S	S	S
Unintended car movement protection function	Prevent unintended car movement away from landing with door opening.	S	S	S
Landing and car door bypass device	For maintenance, can short-circuit landing and car door through special bypass device, after short-circuiting, elevator can only operate under inspection mode or emergency electrical operation mode with audible signal and flashing light.	S	S	S

Function	Description of Functions	GLP501 GLP511	GLP701	GLP500
Car emergency lighting	Emergency lighting equipped in the car, will operate automatically when power is off.	S	S	S
Emergency electrical operation in machine room	Emergency electrical operation device equipped inside control panel of machine room, can apply to emergency rescue.	S	S	S
Car top inspection operation	Inspection operation device set on top of car, is convenient for inspection operation on top of car.	S	S	S
Auto phasing	Under conditions of power off, data changes, failures, elevator drive system will conduct self-learning via auto-magnetic pole, without artificial intervening positioning.	S	S	S
Main switch (machine room)	The main power switch for controlling elevator system , is equipped in machine room.	S	S	-
Car lighting and shaft lighting (machine room)	The switches for controlling elevator car lighting and shaft lighting, is equipped in machine room.	S	S	-
Main switch (controller)	The main power switch for controlling elevator system , is equipped in control panel.	-	-	S
Car lighting and shaft lighting (controller)	The switches for controlling elevator car lighting and shaft lighting, is equipped in control panel.	-	-	S
Five-way intercom for 6 units and below	Intercoms are set inside car, on top of car, in pit, in machine room and monitoring room, can conduct mutual communications.	S	S	S
Multi-intercom for 7 units and above	Through the signal lines between each elevator and monitoring room, the intercom in monitoring room can talk to multi-interphones of elevators.	S	S	S
Single light curtain	Light curtain with high density at car entrance, will response quickly on any passengers or goods entering into detecting area, to provide max. Safety protection for passengers when stepping in and out.	S	S	S
Integrated light curtain	Dual protection function with safety edge and light curtain, each of the two function operates , elevator open the door immediately, protect passengers in safe conditions.	O	O	O
Fireman return	Elevator will cancel all landing and car calls when receives the fireman signal, and return to fireman main floors directly, open the door to rescue passengers, and feedback fireman monitoring signals to fireman center simultaneously.	O	O	O
Fireman service	When car returns to fireman main floor, fireman switch inside car is operated, elevator only responses car calls, and follows fireman service.	O	O	O

Function	Description of Functions	GLP501 GLP511	GLP701	GLP500
Shaft emergency exit	Shaft emergency exit switch contacts operate, safety circuit is open, and elevator stops.	O	O	O
Anti-crime protection function	When the function operates, elevator will park and open the door for inspection when elevator passes through the pre-set floors.	O	O	O
Earthquake operation	When elevator receives seismic signals, all landing and car calls will be cancelled, and elevator will stop to open the door at nearest floor to rescue passengers.	O	O	O
Emergency power operation	When power is off, emergency power will be connected, elevator in the group will park to defined floors or next floor one by one, door is open, rescue passengers, specified elevator among the group can keep at normal operation service according to customer needs; when power becomes normal, all elevators will recover to normal operation status.	O	O	O
Two-way power switching device	When one way power supply in failure, elevator will turns to another way of power automatically.	O	O	O
Emergency leveling device with power off	When power is off, emergency leveling device with power off will starts, elevator will run low speed to nearest floor and door is open to rescue passengers.	O	O	O
Monitoring on normal deceleration of elevator motor for reduced stroke buffer	When uses reduced stroke buffer, monitoring device detects normal deceleration when car reaches terminal, if the speed exceeds defined speed, safety relay contact is open, safety circuit is open and elevator stops.	-	O	-
Information Functions				
Car direction indicator	Friendly to customer on elevator operation direction, operation direction indicator is set inside car.	S	S	S
Landing direction indicator	Friendly to customer on elevator operation direction, operation direction indicator is set at landing hall.	S	S	S
Car indicator, LED segment	Elevator floor information is indicated on LED segment inside car.	S	S	S
Landing indicator, LED segment	Elevator floor information is indicated on LED segment at landing hall.	S	S	S
Car indicator, dot matrix / BND	Elevator floor information is indicated on dot matrix / BND inside car.	O	O	O
Landing indicator, dot matrix / BND	Elevator floor information is indicated on dot matrix / BND at landing hall.	O	O	O

Function	Description of Functions	GLP501 GLP511	GLP701	GLP500
Full load bypass indicator	Full load is indicated at landing hall.	O	O	O
Car fireman indicator	Under fireman mode, fireman mode information is indicated inside car.	O	O	O
Remind attendant friendly	When elevator is under attendant mode, car buzzer chimes when landing call is registered, and related floor button inside car will flash to remind attendant friendly.	O	O	O
Car gong	When elevator parks at floors, the car gong will remind the arrival.	O	O	O
Landing gong	When elevator parks at floors, the landing gong will remind the arrival.	O	O	O
Landing and car direction predefined	When elevator arrives to terminal floor in the original direction, and direction indication will be reversed in advance to remind passengers the operation direction.	S	S	S
Disturbance free function under inspection	When elevator under inspection mode, landing indicator is not available; when landing call is pressed, the present floor number is indicated and no indication available after button is released. The function prevents maintenance from disturbance of unwitting passengers.	S	S	S
Pre-indication of dispatching	With landing lantern, directs passengers to related elevators and is convenient for passengers to wait.	O	O	O
Elevator announcer	Inside car, provide passengers with elevator announcer, floor information, operation direction, etc.	O	O	O
Voice appease	When elevator under failure, appease passengers inside car through car voice device.	O	O	O
Buzzer for landing pass	When elevator passes through one floor, to remind passengers, and provide service to handicapped.	O	O	O
BA interface board	Building elevator monitoring interface (BA interface board function) to collect elevator position signal, up and down signal, failure signal, parking signal and safety circuit signal, etc. from Input terminal, through coding and leveling exchange, and provide monitoring system with the BA system identified signals from the Output terminal.	O	O	O
Monitoring system in community	Monitoring system in community is an intelligence management system for full monitoring on elevators in community, and provide data to building intelligence management.	O	O	O
Remote monitoring system for elevator	Realize the 24 hours full monitoring for users by remote monitoring center through internet or communication network, when elevator under failure or passengers trapped, automatically alarm to the center in real-time.	O	O	O
2 nd COP	The 2 nd COP is set inside car besides the main COP.	O	O	O
Handicapped COP	The handicapped COP is set inside car besides the main COP.	O	O	O

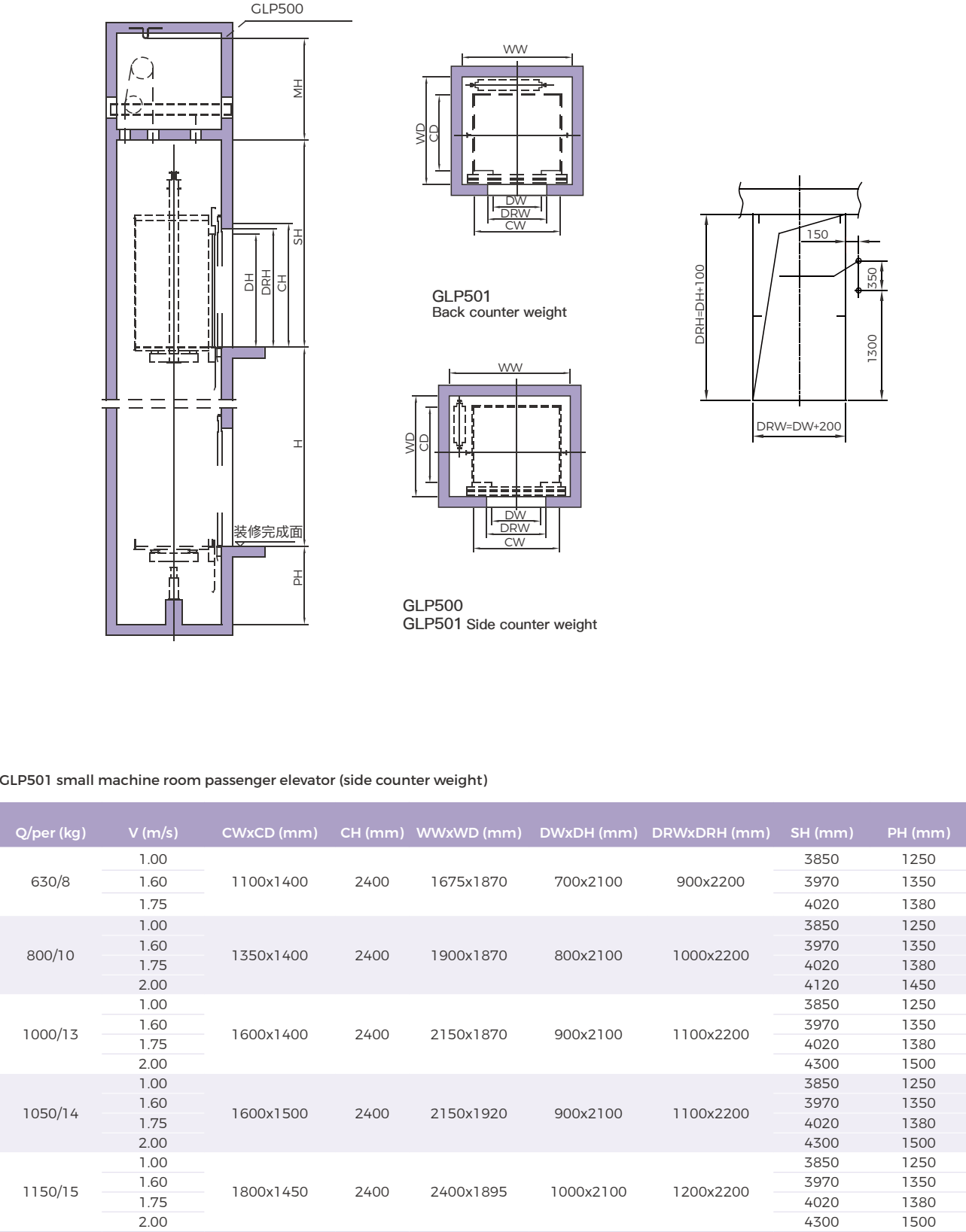
功能 Function	功能说明 Description of Functions	GLP501 GLP511	GLP701	GLP500
乘客舒适功能 Passenger Comfort Functions				
Bypass load function	elevator will only response car calls w/o responses to landing calls.	S	S	S
False car call cancelling	Passengers can cancel the calls inside car with double press to the destination button continuously.	S	S	S
Remote off switch	When defined floor remote off switch is operated, elevator will return to main floor after all calls are responded, closes door and car lighting is switched off simultaneously.	S	S	S
Door open/close button	Door open/close buttons are set inside car, before elevator starts, press door open button to open the door, press door close button to close the door, is convenient for passengers to control time of door open and close freely.	S	S	S
Door open/close button indication	When press down the door open button or door close button, and button lighting is on to remind passengers that button is available.	S	S	S
Reopen at landing floor	When elevator parks at the floor, press the landing call with same operation direction to reopen the door.	S	S	S
Advance door opening	When elevator operates to door zone position, and meet safety conditions, elevator can open the door in advance and level to floor position at slow speed.	S	S	S
Automatic releveing	When elevator leveling position changes due to passengers step in and out, elevator can releve to leveling position.	S	S	S
Cancellation on waiting at door open	When elevator under automatic mode, door is fully-open and time extended period, the door can be closed quickly when press close button.	S	S	S
Power saving mode at lighting and fan	If no car calls and landing calls are registered within elevator set-time, the car lighting and fan will be switched off automatically.	S	S	S
Dual control on door open hold time	Door open holding time can be set respectively in system for elevator response to car calls and landing calls, to improve entire operation efficiency.	S	S	S
Identification on stuck landing calls	System can identify the conglutination of landing call buttons, and release the conglutination automatically, to avoid door unable to close for operation, due to the landing call conglutination.	S	S	S
Car calls backwards	When elevator operates up or down, the calls with present backwards direction can be registered.	S	S	S

Starting torque preset	For better ride comfort when elevator starts, system will calculate the load inside car, and compensate the start torque for optimization.	S	S	S
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Function	Description of Functions	GLP501 GLP511	GLP701	GLP500
Anti-Nuisance protection	To avoid empty car operation, to set a short period, 3 calls are registered in the period, which will be regarded as nuisance operation, and all car calls are cancelled.	S	S	S
Current ramp remove	When elevator operating to leveling with deceleration, motor current is removed through ramp, to avoid abnormal noise of motor during the period.	S	S	S
Nudging close	The door can't be closed within the set-time due to light curtain, safety edge, the door will operate nudging service at low speed.	S	S	S
Door open holding optimization	When elevator reopen the doors, the door open holding time is cancelled, and operate door close directly to improve efficiency.	O	O	O
Door open holding button	When need to extend door open holding time, can press the door open holding button inside car, the door at open status with pre-set time.	O	O	O
Control Functions				
Full collective	After comprehensive analysis and judgment is conducted on building landing up and down calls, car calls and various signals, elevator will collect the signals in consistence way to response one by one with automatic and priority way.	S	S	S
Parallel control	For group control with 2 units at same type, elevator group to select best response automatically, short passenger waiting time, and improve operation efficiency.	O	O	O
Group control	For group controls with 3-8 units at same type, elevator group to select best response automatically, short passenger waiting time, and improve operation efficiency.	O	O	O
Automatic car return	Car will return main floor automatically when no landing calls or car calls within pre-set time, and elevator parks at main floor in standby with door close.	S	S	S
One-button shaft self-learning	Through operate the LRN switch on main board, elevator can realize the one-button shaft self-learning, to strengthen the convenience for site commissioning.	S	S	S
Video interface	Provide interface to car video device, analog video interface or digital video interface as options.	O	O	O
Audio interface	Provide interface to car audio device	O	O	O
Attendant operation	When car attendant switch is operated, attendant will manage number of passengers inside car, landing response, door open and close, etc.	O	O	O

Function	Description of Functions	GLP501 GLP511	GLP701	GLP500
Non-stop by attendant	Under attendant mode, press and hold the non-stop button inside car, elevator will not response landing calls and operate to the destination floor directly.	O	O	O
Time switch	When this function is operated, elevator will realize timing on-off, and remote off automatically.	O	O	O
Locking of car calls	This function prevents passengers from entering locked floors through car calls.	O	O	O
Locking of landing calls	This function prevents passengers from entering locked floors through landing calls.	O	O	O
Intensive two-way traffic peak	Specialized to relieve the traffic pressure at peak time, at up or down peak, all elevators have been loaded up to pre-defined number of passengers, the function will start, and hold all the time during peak period.	O	O	O
Destination calls with password	Destination calls with password function can manage the authorization of specified floors inside building through password set on car call buttons, and manage the passengers in and out of the building.	O	O	O
Power regenerated device	The regenerated power can be collected to grid through power regenerated device when elevator operating at non-balance status or deceleration braking, and provided to adjacent electrical equipment.	O	O	O
Bottom floor extension	When bottom floors are not at same level within one same group, can call elevator to the bottom floor with single landing call button.	O	O	O
Top floor extension	When top floors are not at same level within one same group, can call elevator to the top floor with single landing call button.	O	O	O
Independent/priority service	To meet specialized needs of customer, design the independent service mode, when enter to the mode, elevator will not response landing calls, and only be controlled manually on door open and close, and operation.	O	O	O
Restaurant waiting distribution	To distribute longer door open time for the restaurant floor in building, to satisfy extra number of passengers.	O	O	O
IC card	IC card management function to manage the authorization on specified floors through inside car and hall card reader system, intelligently manage the passengers in and out of elevator .	O	O	O
Independent VIP function	When this function is operated, elevator is dedicated to VIPs, no landing call is indicated while car calls at normal mode, which have passenger arrival floor information in confidential way.	O	O	O

SPECIFICATIONS



GLP500

GLP501

Layout parameter for GLP500 machine roomless passenger elevator and GLP501 small machine room passenger elevator

GLP501 small machine room passenger elevator (back counter weight)

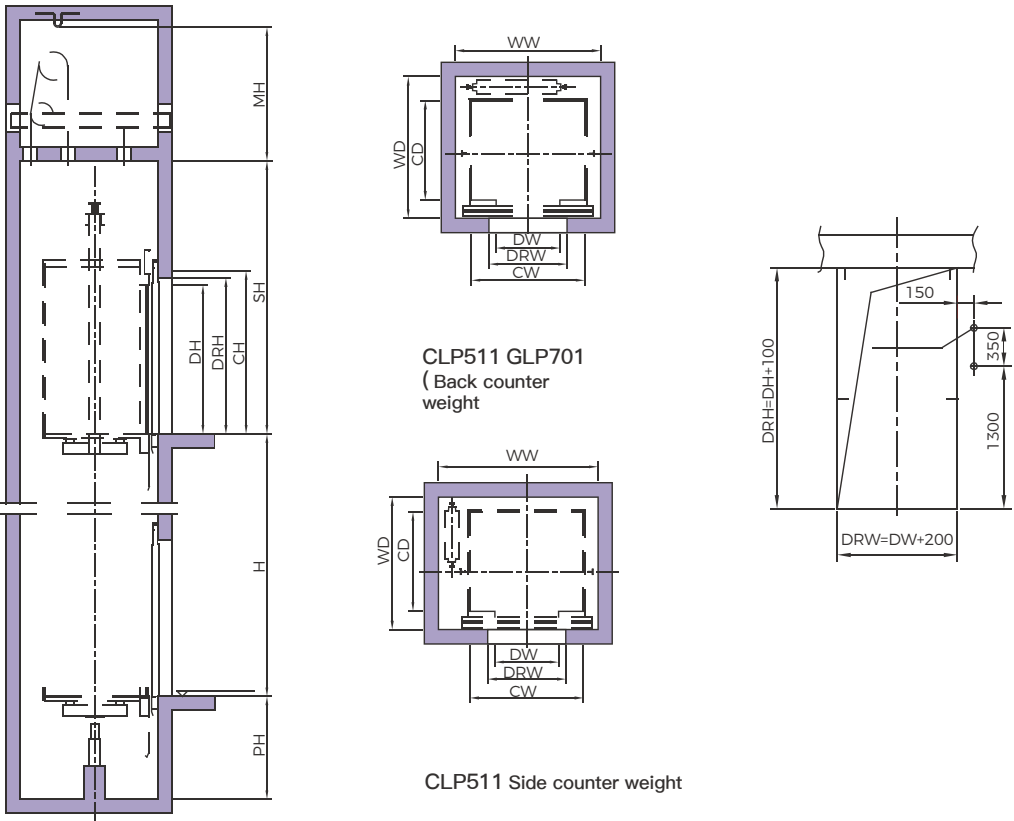
Q/per (kg)	V (m/s)	CWxCD (mm)	CH (mm)	WWxWD (mm)	DWxDH (mm)	DRWxDRH (mm)	SH (mm)	PH (mm)
630/8	1.00	1400x1100	2400	1850x1690	800x2100	1000x2200	3850	1350
	1.60						3970	1450
	1.75						4020	1450
800/10	1.00	1400x1350	2400	1850x1940	800x2100	1000x2200	3850	1350
	1.60						3970	1450
	1.75						4020	1450
	2.00						4120	1500
	2.50			1950x1990	4600	1850		
1000/13	1.00	1600x1400	2400	2050x1990	900x2100	1100x2200	3850	1350
	1.60						3970	1450
	1.75						4020	1450
	2.00						4120	1500
	2.50			2150x2040	4600	1850		
1050/14	1.00	1600x1500	2400	2050x2090	900x2100	1100x2200	3850	1350
	1.60						3970	1450
	1.75						4020	1450
	2.00						4120	1500
	2.50			2150x2140	4600	1850		
1150/15	1.00	1800x1450	2400	2250x2090	1000x2100	1200x2200	3850	1350
	1.60						3970	1450
	1.75						4020	1450
	2.00						4120	1500
	2.50			2350x2090	4600	1850		

GLP500 machine roomless passenger elevator

Q/per (kg)	V (m/s)	CWxCD (mm)	CH (mm)	WWxWD (mm)	DWxDH (mm)	DRWxDRH (mm)	SH (mm)	PH (mm)
630/8	1.00	1100x1400	2400	1700x1800	700x2100	900x2200	3850	1300
	1.60						3970	1380
	1.75						4020	1380
800/10	1.00	1350x1400	2400	1950x1800	800x2100	1000x2200	3850	1300
	1.60						3970	1380
	1.75						4020	1380
1000/13	1.00	1600x1400	2400	2200x1800	900x2100	1100x2200	3850	1300
	1.60						3970	1380
	1.75						4020	1380
1050/14	1.00	1600x1500	2400	2200x1900	900x2100	1100x2200	3850	1300
	1.60						3970	1380
	1.75						4020	1380
1150/15	1.00	1800x1450	2400	2400x1850	1000x2100	1200x2200	3850	1300
	1.60						3970	1380
	1.75						4020	1380
1250/16	1.00	1700x1600	2400	2650x2170	1000x2100	1200x2200	4350	1500
	1.60						4500	1600
	1.75						4550	1650
1350/18	1.00	1750x1700	2400	2700x2220	1000x2100	1200x2200	4350	1500
	1.60						4500	1600
	1.75						4550	1650
1600/21	1.00	1950x1750	2400	2900x2270	1100x2100	1300x2200	4350	1500
	1.60						4500	1600
	1.75						4550	1650

Any specification variation proposed without prior notice

The actual parameter would be subject to special construction layout drawing



GLP511 small machine room passenger elevator (side counter weight)

Q/per (kg)	V (m/s)	CWxCD (mm)	CH (mm)	WWxWD (mm)	DWxDH (mm)	DRWxDRH (mm)	SH (mm)	PH (mm)
630/8	1.00	1100x1400	2400	1675x1870	700x2100	900x2200	3850	1250
	1.60						3970	1350
	1.75						4020	1380
800/10	1.00	1350x1400	2400	1900x1870	800x2100	1000x2200	3850	1250
	1.60						3970	1350
	1.75						4020	1380
	2.00						4120	1450
1000/13	1.00	1600x1400	2400	2150x1870	900x2100	1100x2200	3850	1250
	1.60						3970	1350
	1.75						4020	1380
	2.00						4300	1500
1050/14	1.00	1600x1500	2400	2150x1920	900x2100	1100x2200	3850	1250
	1.60						3970	1350
	1.75						4020	1380
	2.00						4300	1500
1150/15	1.00	1800x1450	2400	2400x1895	1000x2100	1200x2200	3850	1250
	1.60						3970	1350
	1.75						4020	1380
	2.00						4300	1500
1250/16	1.00	1400x1950	2400	2400x2350	1000x2100	1200x2200	4300	1400
	1.60						4400	1500
	1.75						4450	1500
	2.00						4550	1550
1350/18	1.00	1400x2100	2400	2400x2500	1000x2100	1200x2200	4300	1400
	1.60						4400	1500
	1.75						4450	1500
	2.00						4550	1550
1600/21	1.00	1400x2400	2400	2400x2800	1000x2100	1200x2200	4300	1500
	1.60						4500	1500
	1.75						4550	1500
	2.00						4600	1550

GLP511 and GLP701

Layout parameter for GLP511 and GLP701 small machine room passenger elevator

GLP701 small machine room passenger elevator

Q/per (kg)	V (m/s)	CWxCD (mm)	CH (mm)	WWxWD (mm)	DWxDH (mm)	DRWxDRH (mm)	SH (mm)	PH (mm)
1000/13	3.5、4.0	1600x1400	2400	2200x2150	900x2100	1100x2200	5600	3650
1150/15	3.5、4.0	1800x1450	2400	2450x2200	1000x2100	1200x2200	5600	3650
1250/16	3.5、4.0	1950x1400	2400	2600x2150	1100x2100	1300x2200	5600	3650
1350/18	3.5、4.0	1950x1500	2400	2600x2250	1100x2100	1300x2200	5600	3650
1600/21	3.5、4.0	1950x1750	2400	2600x2500	1100x2100	1300x2200	5600	3650

GLP511 small machine room passenger elevator (back counter weight)

Q/per (kg)	V (m/s)	CWxCD (mm)	CH (mm)	WWxWD (mm)	DWxDH (mm)	DRWxDRH (mm)	SH (mm)	PH (mm)
630/8	1.00	1400x1100	2400	1850x1690	800x2100	1000x2200	3900	1400
	1.60						4000	1500
	1.75						4050	1500
800/10	1.00	1400x1350	2400	1850x1940	800x2100	1000x2200	3900	1400
	1.60						4050	1500
	1.75						4100	1500
	2.00						4120	1550
	2.50						4650	1850
1000/13	1.00	1600x1400	2400	2050x1990	900x2100	1100x2200	3900	1400
	1.60						4000	1500
	1.75						4050	1500
	2.00						4120	1550
	2.50						4650	1850
1050/14	1.00	1600x1500	2400	2050x2090	900x2100	1100x2200	3900	1400
	1.60						4000	1500
	1.75						4050	1500
	2.00						4120	1550
	2.50						4650	1850
1150/15	1.00	1800x1450	2400	2250x2090	1000x2100	1200x2200	3900	1400
	1.60						4000	1500
	1.75						4050	1500
	2.00						4120	1550
	2.50						4650	1850
1250/16	1.00	1950x1400	2400	2450x2050	1100x2100	1300x2200	4300	1400
	1.60						4400	1500
	1.75						4450	1500
	2.00						4550	1550
	2.50						4900	1850
1350/18	1.00	1950x1500	2400	2450x2150	1100x2100	1300x2200	4300	1400
	1.60						4400	1500
	1.75						4450	1500
	2.00						4550	1550
	2.50						4900	1850
1600/21	1.00	1950x1750	2400	2450x2400	1100x2100	1300x2200	4300	1500
	1.60						4500	1500
	1.75						4550	1500
	2.00						4600	1550
	2.50						4900	1850

Any speci ication variation proposed without prior notice

The actual parameter would be subject to special construction layout drawing