FOREWORD

We will accompany and guard you safely to travel with utmost care.

We pass every piece of love and life with care. Whenever you touch lift button and make a step, love shall be around with you.

We have rock-solid guarantee of safety, with attentive daily accompany filled with warm. We fully participate in your splendid life. We exist around the world, we are responsible for you and us.
KOYO®, as an outstanding representative of Chinese elevator companies, is specialized in designing, researching, manufacturing, selling, installing and maintaining. Combining advanced technique with Chinese traditional aesthetic, KOYO team with its own main board and control system, try their best to perfect products. Since 2002, KOYO products have been exported over 98 countries including America, South Africa, Germany, France, Italy, England and so on.

“Created in China”–KOYO, well-known Brand across the world

KOYO creates the perfect service experience with first-class quality of the staff. The perfect fusion of technology creates the world’s leading elevator products, which is able to bring its products all over the world. KOYO has rewritten Chinese history and created the world famous elevator brand.

Using “No.1” achieves “Created in China”

From “Made in China” to “Created in China”, KOYO creates the perfect products with enthusiasm, bears fruit with its effort, and gets proud achievements. KOYO has completed world “NO.1” one by one, set the example for China private enterprises, and created the world’s sixteen “No.1”.
Safety
Pioneer & Leader in elevator field, giving you comprehensive protection

VVVF Door Operator Control System
Using permanent magnet and VVVF synchronous inverter control system, operation curve of opening and closing door is adjustable, operating safely, comfortably, with low noise and high reliability.

Infrared Light Curtain System
Light curtain protection is formed at the entrance of elevator, which can inspect human or objects going in or out of elevator anytime so that accidents can be avoided. Passenger’s safety and property can be protected efficiently.

Environment-friendly
Green life is responsibility

Permanent magnet synchronous motor technology
KOYO elevators use rare-earth material, outer rotor structure, permanent magnet synchronous motor drive, combining with coaxial driving technology, digital inverter technology and computer group control to make system more reliable. Compared with same capacity geared motor elevator, it can save energy by 50%. This kind of motor does not need to use oil, reducing fuel consumption and avoiding fire accident due to oil.

Energy Regeneration Technology
Adopting the high speed DSP CPU and the most advanced SVPWM modulation technology, we can restore three phase output volt; Adopting phase sequence automatic identifying technology and LC filter technology, harmonic and EMI can be efficiently inhibited to ensure regenerating clean energy; The effects of energy saving is remarkable, with 20-50% fractional energy saving and 97.5% regeneration energy recycling efficiency.

Intelligence
Science creates quality

Elevator controller
Adopting 32 bits embedded microprocessor to achieve elevator function and motor driving control, using CAN bus communication, the system wiring is easy and also date transmission has high ability and is more reliable.

Remote Diagnosis System
- Have multiple remote connection methods, such as GPRS, WIFI Internet;
- Have field diagnosis module, which can work separated, without vibration and date collector;
- Use only three parameters to complete elevator commission: elevator type, speed and capacity;
- Use human-based levelling adjustment: guide the levelling status, car and sill gap directly.
Prefect integration of control and drive of elevator. The whole device features compact structure and small size, fewer connections, which is characterized as high reliability and easy-to-use property and cost-efficiency.

Double 32-bit embedded microprocessor jointly finish the elevator operation and motor drive control.

Redundant safety design, double safety protection for control processor and drive processor to achieve the maximum safety guarantee for elevator travel.

The design requirements of anti-interference capacity go beyond the highest standard in the industrial design requirement.

All CAN bus communication make the whole system connected easily, data transmitted strongly, and more reliable.

The adoption of the advanced direct landing technology make elevator running more efficiently.

The advanced multifunctional elevator operation mode can fully meet various needs of customers.

Advanced group control feature. Not only compatible with the traditional group control mode of up to 8 units, but also support the new group control of destination floor distribution.

The adoption of advanced vector control technology can make the motor speed adjusted well for the realization of the best elevator comfort.

Adapt to both synchronous motor and asynchronous motor.

Newly-developed none-load sensor-activated compensation technology provides excellent starting comfort to elevator even if no counterweight is installed.

To adopt incremental ABZ encoder to realize the synchronized control of motors. To adopt the none-load sensor-activated compensation technology to achieve the excellent start-up comfort.

New PWM dead band compensation technology can effectively reduce the motor noise and loss of machine.

Dynamic PWM carrier modulation technology can effectively reduce the motor noise.

Auto-tuning phase of synchronous motor without encoder.

Asynchronous motor is not required for motor parameter acquisition process once the motor parameter is set correctly. The convenient static motor parameter acquisition process is available if is impossible to acquire the exact motor parameter on site. So there is no need to hoist the car and etc in this way.

The hardware is the 6th generation of module with the junction temperature resistance up to 175°C. Low loss for switch and connection to ensure the long use life.
PASSENGER ELEVATOR (STANDARD DESIGN)

MODEL: KYC301

Ceiling: Painted steel, LED
Car Wall: Hairline stainless steel
Floor: PVC
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### MRL PASSENGER ELEVATOR

#### Drawing

**Shaft Vertical Section**

**Top Plane Layout**

**Shaft Plane Layout**

#### Parameter Table

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* Only for non-standard without inspection
PANORAMIC ELEVATOR (STANDARD DESIGN)

MODEL: KY1403

Shell: Steel plate with baking finish, ACRYL
Ceiling: Steel plate with baking finish, mirror S5, downlight
Panoramic: laminated safety glass
Wall: Hairline S5
Handrail: S5 tube
Car Sill: Mirror S5
Floor: Marble
Front Wall: Hairline S5
Car Door: Hairline S5
### MR Panoramic Elevator Parameter Table

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HIGH SPEED ELEVATOR (STANDARD DESIGN)

MODEL: KYC206

Ceiling: Hairline stainless steel, Acrylic plate, LED
Car Walls: Hairline/Mirror stainless steel
Handrail: Hairline stainless steel
Floor: Marble

| Parameter Table |

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HIGH-SPEED ELEVATOR MR | Drawing

- Shaft Vertical Section K-K
- Machine Room Plane Layout
- Shaft Plane Layout
- Ventilation Hole 500x500 (by client)
- Controller
- Main Power Box
- Lighting Power Box
- Ventilator Window
- Exhaust Fan (by client)
HOSPITAL ELEVATOR (STANDARD DESIGN)

MODEL: KYC303

• Ceiling: Hairline stainless steel, LED
• Car Walls: Hairline / Mirror stainless steel
• Handrail: Hairline stainless steel
• Floor: PVC

MR HOSPITAL ELEVATOR | Drawing

Shaft Vertical Section

Machine Room Plane Layout

Shaft Plane Layout
## MRL Hospital Elevator Parameter Table

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<th>PH(mm)</th>
<th>OP+OPH(mm)</th>
<th>CW×CD×CH(mm)</th>
<th>HW×HD(mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TBJ1250</td>
<td>16</td>
<td>1</td>
<td>TR65</td>
<td>4200</td>
<td>1500</td>
<td>1200×2300×2200</td>
<td>2200×2850</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>1.5</td>
<td>2TR65</td>
<td>4500</td>
<td>1600</td>
<td>1300×2300×2200</td>
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<td></td>
<td></td>
<td>1.75</td>
<td>3TR65</td>
<td>4900</td>
<td>1800</td>
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<tr>
<td>TBJ1350</td>
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<tr>
<td></td>
<td></td>
<td>1.5</td>
<td>2TR65</td>
<td>4600</td>
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<td>1300×2300×2200</td>
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<tr>
<td></td>
<td></td>
<td>1.75</td>
<td>3TR65</td>
<td>5000</td>
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<td>2400×3050</td>
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<td>2TR65</td>
<td>4600</td>
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<td>1.75</td>
<td>3TR65</td>
<td>5000</td>
<td>1800</td>
<td>1400×2400×2200</td>
<td>2400×3050</td>
<td></td>
</tr>
</tbody>
</table>
FREIGHT ELEVATOR (STANDARD DESIGN)

• MR FREIGHT ELEVATOR | Drawing

Ceiling: Painted steel
Car Walls: Painted steel
Floor: Checkered steel

Paint Color
- RAL 1027
- RAL 1020
- RAL 5024
- RAL 5009
- RAL 9001

| Parameter Table |
|-----------------|-----|-----|-----|-----------------|-----------------|-----------------|
| Type            | Rated Speed (m/s) | TR (mm) | OH (mm) | Pit (mm) | Opening Size OP×OPH (mm) | Car Size CW×CH×CM (mm) | Shaft Size HW×HD (mm) |
| TH1100          | 0.5  | TH465  | 4300   | 1500    | CO-SP 1300×2100          | 1600×1600×2200        | 2200×2150           |
| TH1200          | 0.5  | TH465  | 4300   | 1500    | CO-SP 1500×2100          | 1800×1900×2200        | 2800×2600           |
| TH2200          | 0.5  | TH465  | 4300   | 1500    | CO-SP 1500×2100          | 1900×2100×2200        | 2900×2600           |
| TH3200          | 0.5  | TH465  | 4600   | 1500    | CO-SP 1700×2100          | 2200×2500×2200        | 3200×3000           |
| TH4200          | 0.5  | TH465  | 4900   | 1600    | CO-SP 2000×2100          | 2400×3000×2200        | 3600×3500           |
| TH5100          | 0.25 | TH25   | 4900   | 1500    | CO-SP 2000×2100          | 2500×2500×2200        | 3700×4000           |
| TH6100          | 0.5  | TH465  | 4900   | 1600    | CO-SP 2000×2100          | 2700×2500×2200        | 3700×4000           |
### Parameter Table

<table>
<thead>
<tr>
<th>Type</th>
<th>Rated Speed (m/s)</th>
<th>TR(m)</th>
<th>OH(mm)</th>
<th>Pit (mm)</th>
<th>Opening Size OP×OPH (mm)</th>
<th>Car Size CW×CD×CH (mm)</th>
<th>Shaft Size HW×HD (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>THW1000</td>
<td>1.0</td>
<td>TR4s5</td>
<td>4400</td>
<td>1400</td>
<td>1800×1000×2100</td>
<td>2350×2150</td>
<td>1400×1600×2200</td>
</tr>
<tr>
<td>THW1600</td>
<td>1.0</td>
<td>TR4s5</td>
<td>4600</td>
<td>1600</td>
<td>1800×1500×2100</td>
<td>2500×2100</td>
<td>1600×1600×2200</td>
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<tr>
<td>THW2000</td>
<td>1.0</td>
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<td>4600</td>
<td>1600</td>
<td>1800×1500×2100</td>
<td>2500×2100</td>
<td>1800×2100×2200</td>
</tr>
<tr>
<td>THW3000</td>
<td>0.5</td>
<td>TR4s5</td>
<td>4800</td>
<td>1600</td>
<td>1800×1900×2100</td>
<td>2500×2100</td>
<td>2200×2500×2200</td>
</tr>
</tbody>
</table>

### HYDRAULIC FREIGHT ELEVATOR | Drawing

- **Shaft Vertical Section**
- **Top Plane Layout**
- **Shaft Plane Layout**
- **Machine Room Plane Layout**

### MRL FREIGHT ELEVATOR | Drawing

- **Shaft Vertical Section**
- **Top Plane Layout**
- **Shaft Plane Layout**
- **Machine Room Plane Layout**
HOME ELEVATOR (STANDARD DESIGN)

MODEL: KYC311

Ceiling: Mirror stainless steel, LED
Car Walls: Hairline stainless steel
Handrail: Hairline stainless steel
Floor: PVC

| Drawing |

| Parameter Table |

<table>
<thead>
<tr>
<th>Type</th>
<th>Persons</th>
<th>Rated Speed (m/s)</th>
<th>TR(m)</th>
<th>OH(mm)</th>
<th>Pit (mm)</th>
<th>Opening Size OP×OPH (mm)</th>
<th>Car Size CW×CD×CH (mm)</th>
<th>Shaft Size HW×HD (mm)</th>
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</thead>
<tbody>
<tr>
<td>TYX250</td>
<td>3</td>
<td>0.3</td>
<td>TRx12</td>
<td>3500</td>
<td>500</td>
<td>SO 700×2000</td>
<td>800×1,200×2,100</td>
<td>1400×1,650</td>
</tr>
<tr>
<td>TYX320</td>
<td>4</td>
<td>0.3</td>
<td>TRx12</td>
<td>3500</td>
<td>500</td>
<td>SO 80×2000</td>
<td>900×1,300×2,100</td>
<td>1500×1,650</td>
</tr>
<tr>
<td>TYX400</td>
<td>5</td>
<td>0.3</td>
<td>TRx12</td>
<td>3500</td>
<td>500</td>
<td>SO 90×2000</td>
<td>900×1,500×2,200</td>
<td>1600×1,750</td>
</tr>
</tbody>
</table>
CABIN DECORATION

**MODEL: KYC312**
- **Ceiling:** Painted steel panel, Acrylic, LED
- **Car Walls:** Mirror, Hairline stainless steel
- **Handrail:** Hairline stainless steel
- **Floor:** PVC

**MODEL: KYC313**
- **Ceiling:** Painted steel panel; Acrylic, LED
- **Car Walls:** Hairline stainless steel
- **Handrail:** Hairline stainless steel, Decoration Light
- **Floor:** PVC
CABIN DECORATION

**MODEL: KYC202**
- Ceiling: Painted steel, Acrylic, LED
- Car Walls: Mirror, Etched, Stainless steel, Black Titanium
- Floor: PVC

**MODEL: KYC201**
- Ceiling: Mirror steel panel, Acrylic, LED
- Car Walls: Mirror, Hairline stainless steel
- Handrail: Hairline stainless steel
- Floor: PVC

**MODEL: KYC305**
- Ceiling: Mirror steel panel, Acrylic, LED
- Car Walls: Hairline stainless steel, Mirror, etched, Titanium
- Handrail: Hairline stainless steel
- Floor: PVC

**MODEL: KYC306**
- Ceiling: Mirror steel panel, Acrylic, LED
- Car Walls: Mirror, Etched, Titanium, Stainless steel
- Handrail: Wooden-Ti Mixed
- Floor: PVC
CABIN DECORATION

MODEL: **KYC307**
- **Ceiling:** Mirror steel panel, Acrylic, LED
- **Car Walls:** Mirror, Etched, Stainless steel, Black Titanium
- **Handrail:** Hairline Stainless Steel
- **Floor:** PVC

MODEL: **KYC308**
- **Ceiling:** Mirror steel panel, Acrylic, LED
- **Car Walls:** Mirror, Etched, Stainless steel, Black Titanium
- **Handrail:** Hairline Stainless Steel
- **Floor:** PVC

MODEL: **KYC309**
- **Ceiling:** Mirror steel panel, Acrylic, LED
- **Car Walls:** Hairline Stainless steel, Mirror, Titanium, Embossment
- **Handrail:** Organo-Stainless steel
- **Floor:** PVC

MODEL: **KYC310**
- **Ceiling:** Mirror steel panel, Acrylic, LED
- **Car Walls:** Embossment, Mirror, Black-Titanium, Colour
- **Handrail:** Hairline Stainless Steel
- **Floor:** PVC
MODEL: KY1211

- **Up and Down Cover:** Hairline stainless steel, Art Glass
- **Ceiling:** Hairline stainless steel, Acrylic
- **Cabin Wall:** Hairline stainless steel
- **Sightseeing Surface:** Laminated safety glass
- **Handrail:** Stainless steel
- **Floor:** Marble
- **Front Wall:** Mirror finished stainless steel
- **Cabin Door:** Hairline stainless steel

MODEL: KY1417

- **Car Cover:** Hairline stainless steel
- **Ceiling:** Mirror stainless steel, Spot lights
- **Observation Wall:** Laminated safety glass
- **Cabin Wall:** Mirror stainless steel
- **Handrail:** Stainless steel
- **Sill:** Mirror stainless steel
- **Floor:** Marble
- **Front Wall:** Laminated safety glass
- **Car Door:** Glass and mirror stainless steel with frame

MODEL: KY1401

- **Shell:** Titanium hairline SS, ACRYL
- **Ceiling:** Wooden frame, gold leaf attached at the top area, downlight, lamp belt
- **Observation Wall:** Laminated safety glass
- **Cabin Wall:** Titanium mirror SS, Veneer facing, Marble lamp
- **Handrail:** Titanium SS tube
- **Sill:** Titanium mirror SS
- **Floor:** Marble parquet
- **Front Wall:** Titanium mirror SS
- **Car Door:** Titanium mirror SS

MODEL: KY1402

- **Shell:** Steel plate with baking finish, ACRYL
- **Ceiling:** Mirror SS, Downlight, Lamp belt
- **Observation Wall:** Laminated safety glass
- **Cabin Wall:** Mirror SS etching
- **Handrail:** Titanium SS tube
- **Sill:** Mirror SS
- **Floor:** Marble
- **Front Wall:** Hairline SS
- **Car Door:** Hairline SS, Glass door with frame
**CEILING**

- **KYT001**
  - Material: Mirror stainless steel, Acrylic, LED

- **KYT002**
  - Material: Painted steel, Acrylic, LED

- **KYT003**
  - Material: Hairline stainless steel, Acrylic, LED

- **KYT1401**
  - Material: Painted steel, LED

- **KYT1403**
  - Material: Mirror stainless steel, Acrylic, LED

- **KYT1407**
  - Material: Mirror stainless steel, Acrylic, LED

- **KYT1408**
  - Material: Titanium Stainless steel, Acrylic, LED

- **KYT1410**
  - Material: Mirror stainless steel, Acrylic, LED

**DOOR**

- **KYD054**
  - Mirror, Etched Stainless steel

- **KYD055**
  - Mirror, Etched Stainless steel

- **KYD301**
  - Mirror, Etched, Hairline stainless steel

- **KYD303**
  - Mirror, Etched Stainless steel

- **KYD302**
  - Mirror, Etched, Titanium stainless steel

- **KYD304**
  - Mirror, Etched, Titanium stainless steel

- **KYD305**
  - Mirror, Embossed, Titanium stainless steel

- **KYD306**
  - Mirror, Etched, Black Titanium
**DECORATION SERIES**

- **FLOOR**
  - KY5002
  - KY-507
  - KY-509
  - KY-727
  - KY-728
  - KY-517

- **HANDRAIL**
  - KY-302TJ
  - KY-302J
  - KY-315F
  - KY-315TF
  - KY-308
  - KY-303TJ
  - KY-309TM

- **DECORATION COLORS**
  - RAL 1027
  - RAL 1020
  - RAL 5024
  - RAL 5009
  - RAL 9001

*Note: If needed, please choose from RAL Colors*

**CAR OPERATION PANEL**

- **COP**
  - KYCOP108
  - KYCOP104
  - KYCOP102
  - KYCOP191
  - KYCOP10
  - KYCOP20
  - KYCOP30
  - KYCOP90

*Note: If needed, please choose from RAL Colors*
CAR OPERATION PANEL

• COP

KYCOP103  KYCOP106  KYCOP40  KYCOP109  KYCOP108

• LOP

KYIND108  KYIND108D  KYIND106  KYIND106D  KYIND109  KYIND109D  KYIND122

KYINDG01  KYINDG02  KYIND21  KYIND20  KYIND50  KYIND103  KYIND191

• FIREMAN SWITCH

KYX101  KYX122  KYX122  KYS122

• HALL LANTERN

KYIND198  KYZ105
<table>
<thead>
<tr>
<th>No.</th>
<th>Function Name</th>
<th>Function Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Fully Selective Control</td>
<td>When in automatic or attendant control, the elevator stops in response to the in-car registrations, while automatically following landing calls up and down, i.e., a passenger can register for his or her call at any landing.</td>
</tr>
<tr>
<td>02</td>
<td>Inspection Travel</td>
<td>It is a function for field mechanics or engineers to carry out maintenance, inspection or testing tasks. When operational conditions are satisfied, an authorized person can reach the car by pressing and releasing the red button, he can move the car at inspection speed by continuously pushing down the button and stop it by releasing the button.</td>
</tr>
<tr>
<td>03</td>
<td>Testing Travel</td>
<td>It is a function designed for measuring the performance of a new elevator. By setting a given parameter in testing travel on the Master Control board, a field engineer will put the elevator into automatic operation. Both the total number of trips and the interval time between trips of the testing travel can be determined by parameter setting.</td>
</tr>
<tr>
<td>04</td>
<td>Automatic Control for Door-open Time</td>
<td>When the elevator travels in automatic mode without attendant, the door closes automatically by a delay after the car arrives at a landing with the door open.</td>
</tr>
<tr>
<td>05</td>
<td>Cancel a Wrong Registration</td>
<td>If a passenger realizes that he or she has pushed down a wrong button in the car panel, he or she can cancel the wrong registration by pushing the same button twice incessantly. The registered signal will be canceled. This function can be activated by the parameter setting.</td>
</tr>
<tr>
<td>06</td>
<td>Clear Registrations at Changing Direction</td>
<td>When the elevator car arrives at the last landing and is about to reverse the direction, all the registrations behind its present travel will be cancelled at once.</td>
</tr>
<tr>
<td>07</td>
<td>Direct landing</td>
<td>The control system desaturates the elevator according to distance principle. No creeping when leveling.</td>
</tr>
<tr>
<td>08</td>
<td>Full load by pass</td>
<td>When a full-loaded elevator car travels in automatic mode without attendant, the elevator will not answer any calls from the landing calling, stopping at the landings by in-car registrations only.</td>
</tr>
<tr>
<td>09</td>
<td>Auto Homing</td>
<td>When the elevator travels in automatic mode without attendant service while setting Auto Homing in effect, the elevator which reaches neither in car nor landing calls automatically returns to the main landing with a given period of time determined by parameter setting.</td>
</tr>
<tr>
<td>10</td>
<td>Fault history Log</td>
<td>The fault history log keeps the latest 20 fault records concerning the occurrence time, floors and fault codes.</td>
</tr>
<tr>
<td>11</td>
<td>Host way landing self-readily</td>
<td>The host way self-readily system should be activated before the elevator goes into service. The system will store various kinds of data within the best way and cos those running data permanently.</td>
</tr>
<tr>
<td>12</td>
<td>Service landing arbitrarily Setting</td>
<td>Using the handfeet operator to set at which floors the elevator serves and which floors the elevator does not serve.</td>
</tr>
<tr>
<td>13</td>
<td>Attendant Service</td>
<td>Using the switch in the car operation panel, one can put the elevator into attendant service, under which the automatic door-closing is absent and the door can only be closed when attendant keep pressing the door-closing button. Meanwhile the function can also allow attendant to choose direct doors and by-pass.</td>
</tr>
<tr>
<td>14</td>
<td>Independent Travel</td>
<td>Independent Travel is an exclusive travel, during which the elevator overloads all landing calls and the automatic door-closing is absent. Other features are similar to Attendant Service.</td>
</tr>
<tr>
<td>15</td>
<td>Elevator emergency returning after fire</td>
<td>When encountering fire, the passenger sets the fire returning switch in position. Elevator immediately cancels all the instruction and call and travels to fire-fighting station for door-opening and standby.</td>
</tr>
<tr>
<td>16</td>
<td>Automatic Correction in Landing Function Signals</td>
<td>The traveling elevator system compares its own position signals at each terminal switch and the leveling switch of each landing against those obtained by self-study and making automatic data corrections accordingly.</td>
</tr>
<tr>
<td>17</td>
<td>Elevator Lock-in</td>
<td>Setting the lock-in switch of elevator in automatic mode without attendant, and elevators will register all the registrations. The elevator only responds to the in-car instruction until no new instructions registered. Then the elevator returns to the base station, turns off in car lighting and fan after opening the door automatically, lighter the door-opening button indicator, and automatically close the door when 10 seconds time delay expired. Finally, the elevator stops running, and will be back to operation when the lock-in is switch off.</td>
</tr>
<tr>
<td>18</td>
<td>Over-load Protection</td>
<td>With the over-load switch functioning, the door remains open with an alarm buzzing on.</td>
</tr>
<tr>
<td>19</td>
<td>Operation Time Limiter</td>
<td>If the elevator in operation has traveled incessantly for a longer time than the value preset by the time limiter (Unit: sec), without leveling, all elevator operation will be stopped.</td>
</tr>
<tr>
<td>20</td>
<td>Deceleration switch failure protection</td>
<td>When encountering the deceleration switch failure, elevator land in emergency to avoid possible top or bottom floor collision.</td>
</tr>
<tr>
<td>21</td>
<td>Protection against terminal overtrusts</td>
<td>Both the uppermost and the lowest ends of the history are mounted with limit switches and speed retardation switch to prevent any elevator over-travel.</td>
</tr>
<tr>
<td>22</td>
<td>Contact Deinterconnection of Safety Relay and Contact</td>
<td>The system checks up the contact reliability of the safety relay and contactors. If any inconformity between the contact movement and the working status of the coil is detected, all car movements will be stopped.</td>
</tr>
</tbody>
</table>