

POWER SERIES UPS AUTO RESCUE ELEVATOR



PERFORMANCE CHARACTERISTICS

▶ Wide range of input voltage

The UPS can offer normal and stable service voltage under its input voltage range. When the input voltage is out of its range the machine will switch to battery mode automatically to keep the output power in order to protect the equipment, such as computers, ensure they will not be damaged by the over high or over low voltage, users can continue the operation of equipment for a while or save the data on computers while the power network is abnormal.

▶ Wide range of AVR(Automatic voltage regulation)

In the product's input voltage range and under 3 steps of intelligent AVR function, it can provide a stable output voltage.

▶ Automatic self detection when UPS power on.

Before the UPS on (LCD), red, yellow, blue LED will light up two times by cycle turns, after self detection UPS switch to AC mode/battery mode or working mode.

▶ Silence function

In the "battery mode", shortly press the switch to turn off the buzzer. But the battery is about to run out or the load is too heavy, the buzzer sound cannot be muted.

▶ Overload protection

In the battery mode, output voltage turn down correspondingly when it is overload, after the capacity of load is lower than the rated power then output voltage will back to rated value, it ensures the UPS will not shut down by abrupt overload which caused by surging current during the computer is working and other equipment is added.

▶ Short circuit protection

When the mis-operation caused the load short circuit or computer failure (such as power tube breakdown of switch) cause short circuit, the UPS will shutdown automatically for protection.

▶ The low current switch

This UPS adopts low current switch to extend the service life which is longer than conventional battery and high current switch in AC current path.

▶ Automatic charging

There are two charging mode, charging time is faster than ordinary charging mode, higher efficiency, and greatly prolonging the service life of the battery.

▶ Power manager

Standard interfaces RS232 / USB can perform on-screen management of governance, more convenient through energy monitoring software.

APPLICATION UPS

▶ Data Center

Whether it is data for healthcare services, 24/7 banking, or order processing, data is vital to your business. You've invested in the networks and systems that manage and store that data, and any interruption in the power supply can be devastating. Our team can assist with a customised, integrated system that meets your specific power needs, including generator sets, integrated with an uninterruptible power supply.

▶ Telecommunications

Guaranteeing 24/7 power for even the toughest, most remote telecommunications sites is your job. Any disruption to the power supply could entail lost revenue and customer dissatisfaction. Our team can assist with a customised, integrated system that meets your specific power needs, including generator sets equipped with an uninterruptible power supply.

▶ Industrials

No matter what your facility produces, a stop in production means lost productivity. Not only that, interruptions in the power supply can be harmful to your equipment and dangerous for your employees. Generator sets integrated with an uninterruptible power supply can keep your business running, allowing you to focus on keeping your production processes lean, your employees working and your customers satisfied.

▶ Healthcare¹

Hospital, clinics and retirement home in a healthcare setting, reliable power is a matter of life and death. To deliver quality care, you need to be sure that your life-saving machinery will operate properly, without power interruptions, 24/7. Generator sets, supported by uninterruptible power supplies (UPS), power some of the largest hospitals in the world.

▶ Banks and insurance

Cut off from your work and your customers? IT systems down? Loss of vital data? Any incident could lead to potential loss of revenue for your business. Our team can assist with a customised, integrated system that meets your specific power needs, including generator sets, integrated with an uninterruptible power supply.

▶ Special Project Even

Supplying the power needed to ensure the biggest events run smoothly is a real challenge. Any disruption to the power supply could entail lost revenue and customer dissatisfaction. Our team can assist with a customised, integrated system that meets your specific power needs including generator sets, integrated with an uninterruptible power supply.

FEATURES

- * Wide range of input voltage and high input power factor
- * AC mode Efficiency 98%. Output PF 0.8
- * Full protection of overvoltage, short circuit, and over temperature
- * LCD display, monitoring all the operation status
- * Auto fan speed adjustment
- * Power-on self test. DC power on function
- * Automatic charging in OFF mode
- * Auto sensing frequency
- * 2 CPU controlled technology
- * Generator Compatible UPS
- * Automatically transferred to battery mode when input over voltage or under voltage
- * Use for all devices

POWER SERIES UPS AUTO RESCUE ELEVATOR (1 PHASE IN 1 PHASE OUT)

MODEL	POWER 5.5	POWER 8	POWER 12	POWER 19
POWER				
Capacity	550 kg	800 kg	1.200 kg	1.900 kg
Power factor	0.8 PF			
System efficiency	AC mode 98%			
Auto restart	UPS auto shutdown when battery low, and auto restart when AC recovery			
INPUT				
Voltage range	220VAC (145V~275V)			
Frequency	50/60Hz (46~64) auto sensing.			
Phase	Single phase with ground (N-L-G)			
Current	7A	10A	15A	26A
OUTPUT				
Voltage	220VAC±2%			
Frequency	50Hz/60Hz±0.5Hz auto sensing.			
Wave form	Pure Sine Wave.			
Technology	Line interactive online			
Transfer Time	2~6 ms (Max 10ms)			
Distortion full load	Linear load <3%, Non-linear load < 6%.			
Crest Ratio	3:1 (max)			
BATTERY				
Battery type	Sealed Lead Acid Battery, design 5 years. Maintenance free.			
Capacity battery	12V-9AH*2	12V-7AH*4	12V-9AH*4	12V-18AH*4
Charger time	4 hours to 90% capacity, fast charger			
Overload	120% UPS auto adj value output voltage down , UPS shutdown in 5 seconds			
SAFETY				
Certification	CE(EN60950), IEC 61000-4-2 (ESD) Level 4, IEC 61000-4-3 (RS) Level 3, IEC 61000-4-2 (EFT) Level 4, IEC 61000-4-5 (Surge) Level 4			
EMI	EN62040-2 Class A, EN55022 / IEC62040-2 Class B			
Protection	Low Voltage, Over voltage, Overload, Short circuit..battery discharge protection.			
COMMUNICATION INTERFACE				
Control Panel	On/Off, LCD Display			
LCD	Display AC mode, Bypass mode, Inverter mode, Input Voltage, Output Voltage, Frequency, Load, Capacity battery.....			
ENVIRONMENT				
Temperature working	0°C~40°C, Humidity 20%~90% non-condensing.			
Noise	45Db			
Fan	Smart Fan temperature sensor			
PHYSICAL				
UPS W*D*H (mm)	370*125*190 (12.5 Kg)	398*145*215 (20 Kg)	365*190*330 (25.5 Kg)	570*195*330 (48 Kg)
Package size	440*195*280 (13 Kg)	495*238*343 (22 Kg)	510*315*465 (27.2 Kg)	660*220*376 (51.9 Kg)

STANDARD: Conform to GB/IEC regulation: EMC:GB7260.2/IEC62040-2 GB/17626.2~5/IEC61000-4-2~5 SAFETY:GB4943

