

EPS 0.7KW-160KW



Use of the products:

EPS emergency supply, designed for fire-fighting equipment and first grade load and illumination. When appearing emergency in the building, it will offer emergency special-purpose power supply for evacuating illumination.

Application area:

- Fire fighting: Lift, spray pump, rolling screen door, etc.
- Skyscraper: Lift, pump, blower, etc.
- Financial system equipment: The securities trading screen, controlling equipments, financial machines and storehouse.
- War radar, cell telephone in car, route way for defense, underground facility.
- Hospital, operating room, government departments, supermarkets, school, square, station and park.
- Gymnasium and Exhibition Center, etc.

Characteristic of the products:

- Adopt the mode of centralization of power supplying, does not need special lamps.
- Output sine wave, protect against unstable voltage and unstable frequency, no noise.
- Interact with firehouse. Can be controlled by computer or fire center.
- LCD, LED function.
- It is reliable owing to dual power supplies inverted automatically.
- Adopt CPU control technology that is advanced in the world.

Advantage of the products:

- Simple design, easily fixing.
- Low integrated cost.
- Long-lived, the host computer can be used for more than 15 years.
- Maintenance-free battery can be recycled for 500-600 times.
- Invert automatically, no need to keep watching.
- Keep the brightness of illumination, reliable and convenient to safeguard.





TECHNICAL SPECIFICATIONS



- LCD liquid crystal display: indicate the commercial output voltage, input frequency, battery voltage, capacity of the load, output frequency, etc.
- Commercial voltage indicator: It is green when the commercial voltage is normal.
- Alarm indicator: It is red when the commercial power voltage is low or is cut.
- Charge indicator: It is yellow when recharging.
- Overload indicator: It is red when overload.
- Input and output indicator: It is green when normal.
- Malfunction indicator: When it is red, maybe is following reason:
 - EPS Malfunction. B - Short circuit. C - Battery Malfunction. D - Overload.

Capacity (KW)		0.7	1.0	1.5	2.0	2.5	3.5	5.0	10	15	20	30	40	50	80	100	120	160	
Input	Voltage	220V ± 23%																	
	Frequency	50HZ ± 5%																	
Output	Voltage	Normal : same as commercial voltage Emergency: 220V ± 3%																	
	Frequency	Normal : same as commercial frequency Emergency: 50HZ ± 1%																	
	Waveform	Sine wave																	
Battery voltage		96V						144V						192V					
Transfer time		<0.2S																	
Emergency power supply time		90min(subject to need)																	
Overload capacity		120% 28S , 200% 1S																	
Protection function		Low voltage, over voltage, short circuit																	
Noise (1m distance)		Normal: no noise emergency: 45dB																	
Working circumstance	Relative humidity	0-95%																	
	Temperature	-20 °C ~ 40 °C																	
	Altitude	≤ 3000m																	
Application area		Kinds of lighting loads																	