



EPS
0.5-500KVA

Product Introduction

Emergency power supply, also known as EPS, is designed specifically for fire fighting equipment and special load or lighting purposes. When the power network voltage is normal, the power supply of the electric network is directly supplied to the load by the mutual switching device of the power grid, and the charger in the device can charge the battery pack. When the power supply is cut off or the power network voltage is less than 15% or more than 10% of the rated voltage, the device will immediately switch to the inverter output power supply, Battery backup power by the inverter AC continue to provide power to the load, When the power network voltage is normal, the equipment will be restored to the power grid. In order to meet the demand of power supply, the device is equipped with a battery pack under voltage protection to remove the switch.

Application

AC emergency power supply for all kinds of first and especially important loads in city power interruption.

For example:

- The power supply of all kinds of important computer systems
- The work of all kinds of buildings and fire power supply
- Hospital safety power supply
- Traffic system highway, tunnel, subway, light rail, civil airport power supply.
- The power supply of the electric power system, all kinds of power supply, the power supply of the experimental equipment, require the high quality power supply of the pure sine wave equipment

Specification

Phase	One phase		Three phase	
Capacity	0.5KW-3KW		4KW-15KW	
CHARGER				
Mains input	AC220V (176V-240V) 50HZ ± 5HZ		AC220V (176V-240V) 50HZ ± 3HZ	
Charging voltage	DC56V		DC220V	
Charging current	1A	3A	5A	3A
Charging way	automatic floating conversation		automatic floating conversation	
INPUT				
Input	Three phase 380V ± 10% One phase 220V ± 10% 50HZ ± 5HZ		Three phase 380V ± 20% 50HZ ± 5HZ Three-phase four wire+PE	
BATTERY				
Battery type	Fully sealed maintenance free lead-acid battery		Fully sealed maintenance free lead-acid battery	
Rated voltage	DC48V	DC192V	DC480V	
Backup time	180min (can be customized)		180min (can be customized)	
Charging time	< 30h		< 30h	
EMERGENCY INVERTER				
Start-up voltage	DC48V (Below this voltage can not be started)	DC192V (Below this voltage can not be started)	DC480V	
Emergency output	AC220V ± 3% 50HZ ± 1HZ		Three phase 0-380V (Adjustable) three phase three wire+PE No zero line	
Output waveform	Sine wave THD ≤ 3%		PWM line	
Overload capacity	120% 30s, 150% 1s		120% 30s, 150% 1s	
Protection function	Overload, short circuit, under voltage (can be lifted), etc		Overload, short circuit, under voltage (can be lifted), default phase etc	
Emergency switch	< 5s (important < 3ms)		< 5s (important < 3ms)	
WORKING ENVIRONMENT				
Noise	Emergency time ≤ 50db		Emergency time ≤ 60db	
Humidity	0-90% No dew		0-90% No dew	
Temperature	-25°C-40°C		-25°C-40°C	
Height	< 2500m		< 2500m	

Note:

1、"L" is long backup UPS, "S" is standard UPS;

2、Because the products are continuously improved, please contact the company or dealer to inquiry the latest specification.