

MP9822EII

Emergency Power System



Features

- Single-phase input and single-phase output;
- Multiple working modes for selection, and an indicator light shows the working status;
- Reliable and high quality power supply;
- Compact size and user friendly.

Description

MP9822EII is an uninterruptible power supply device with dual conversion, single-phase input and single-phase output. The product is compact in size while with high efficiency and high reliability, which is user-friendly. It is an ideal choice for users in the field of finance, telecommunication, government, transportation, manufacturing and education. This device is used together with MP9822AII and battery box MP9822BII, among which MP9822AII is optional; MP9822BII is the battery box. Users can equip the devices according to the backup time requirements. And the quantity of the device is at least one and no more than three.

Specifications

Model		MP9822EII	
Nominal capacity		3kVA/2700W	
Input	Input mode	One-way grounding	
	Voltage range	(180±5)VAC~(250±5)VAC	
	The power factor	≥0.99	
	The bypass voltage	(180±5)VAC~(250±5)VAC	
Output	Output way	One-way grounding	
	The rated voltage	AC220V ①	
	The power factor	0.9	
	Voltage accuracy	±2%	
	Frequency	1. Same as input frequency (46Hz ~ 54Hz); 2. 50Hz(AC power frequency >54Hz or mains power frequency <46Hz);	
	Overload capacity	100%±5%<load ≤105%±5% overload alarm; 105%±5%< load <125%±5% convert to bypass output alarm after 10s; load >125%±5%, convert to bypass output alarm after 300ms	
	Conversion time	AC power←→battery 0 ms AC power←→bybass < 4 ms	
	Crest factor	3:1	
EMC	Electro-Static discharge (ESD)	IEC61000-4-2	Level4
	Radiated electromagnetic field immunity (RS)	IEC61000-4-3	Level3
	Electrical fast transit (EFT)	IEC61000-4-4	Level4
	Surge (Surge)	IEC61000-4-5	Level4
MP9822BIIbattery	Battery input voltage	96VDC	
	Built-in battery number	N.A.	
	Built-in battery type	12V/7AH Sealed maintenance-free lead-acid batteries	
	Backup time	Full load ≥5 minutes	
	Charging current	5.5A	
Working environment	Working temperature	0℃~40℃	
	Working humidity	20%~90% (no condensation)	
	Working altitude	Less than 1,000 meters. Over 1000 m, 1% reduction for every 100 m increase	
	Storage temperature	-15℃~45℃	
Packing size, mm		568x550x223	
Machine dimensions, mm		476x482.6x88	
Gross weight, kg		12	
Net weight, kg		10.5	