

UPS5000-E Series

(25-125kVA)

Introduction

Based on the online double conversion technology, UPS5000-E series (25-125kVA) can provide reliable, pure and uninterrupted power for critical ICT equipment. The modularized architecture helps improve the availability and reduce the engineering cost significantly.

Scenarios

- Small & medium data center, large enterprise regional data center
- Central offices, dispatch center, control center, etc.

Features

Reliable

- 138-485Vac ultra-wide input voltage range, suitable for the worst power grid
- Redundant design for modules, elimination of the single point of failure
- iPower pre-warnings for key components in case of power supply interruption

Efficient

- High efficiency up to up to 96% at most frequently-used load rate, reducing power consumption of UPS and cooling efficiency
- Intelligent hibernation technology ensures efficient UPS operation

Simple

- Hot swappable power module, bypass module and control module, simple maintenance and expansion in 5 minutes
- iPower real time monitoring system for UPS, PDU and batteries, elimination of manual routing inspection



25kVA Power Module @ 2U



UPS5000-E-125K-FM

Specifications

Model		UPS5000-E-125K-FM				
Rated Capacity (kVA/kW)		25kVA/kW	50kVA/kW	75kVA/kW	100kVA/kW	125kVA/kW
Number of Power Modules		1	2	3	4	5
Mains Input	Input Wiring	3Ph+N+PE				
	Rated Voltage	380/400/415Vac				
	Voltage Range	138-485Vac				
	Input Frequency	40-70Hz				
	Total Harmonic Distortion	THDi<3% for linear load				
	Input Power Factor	0.99				
Bypass Input	Input Wiring	3Ph+N+PE				
	Rated Voltage	380/400/415Vac				
	Input Frequency	50/60 ± 6Hz				
Battery	Rated Voltage	360-552Vdc (The number of batteries can be selected from 30 to 46; 32 batteries in default)				
Output	Output Wiring	3Ph+N+PE				
	Voltage	380/400/415Vac±1%				
	Frequency	Tracking the bypass input (Normal mode); 50/60Hz±0.05% (Battery mode)				
	Waveform	Sine wave (THDv<1% for linear load)				
	Output Power Factor	1				
	Overload Capacity	Inverter: 110% overload for 60 minutes; 125% overload for 10 minutes; 150% overload for 1 minute				
	Efficiency	96%				
Environment	Operating Temperature	0-40°C				
	Storage Temperature	-40 to 70°C				
	Relative Humidity	0%-95% (No condensing)				
	Operating Altitude	0-1000m. Above 1000m, derating 1% for each additional 100m				
	IP protection	IP20 (IP21 optional)				
Others	Height×Width×Depth (mm)	2000 × 600 × 850				
	Weight	201.8kg	220.9kg	240.8kg	259.9kg	279kg
	Certifications	EN/IEC 62040-1; EN/IEC 62040-2; EN/IEC 62040-3; CE; CB; RoHS, REACH, WEEE, etc.				
	Communications	Dry contacts, RS485, SNMP				

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