UPS5000-E-(30-120KVA)-G

Data Sheet

UPS5000-E- (30-120kVA) -G is based on online dual transformation technology, which is mainly used in small and medium-sized enterprise data centers, large enterprise regional headquarters central computer rooms, control centers, security computer rooms, automatic control systems, precision instruments and equipment and other scenarios. The modular architecture is adopted, and the availability is greatly improved. The easy-to-use and efficient design can effectively reduce engineering costs and operation and maintenance costs.

Highlights

Minimalism

- Full module hotplug design, 5 minutes to complete online maintenance.

Green

- Efficient space utilization, system efficiency up to 96%, low load and high efficiency.

Smart

- Full link ipower monitoring, changing from passive to AI predictive maintenance.

Technical Specifications

Model number		UPS5000-E-30KVA-G	UPS5000-E-60KVA)-G	UPS5000-E-90KVA-G	UPS5000-E-120KVA-G
Rated capacity (kVA/kW)		30KVA/30kW	60KVA/60kW	90KVA/90kW	120KVA/120kW
Number of power modules		1	2	3	4
Main Road input	Input format	3Ph+N+PE			
	Rated input voltage	380/400/415VAC			
	Input voltage range	138 to 485VAC (305 to 485VAC without derating, 305 to 138VAC linear derating to 40%)			
	Input frequency range	40 to 70Hz			
	Current Total Harmonic Distortion (THDi)	<3% (linear full load)			
	Input power factor	0.99			
Bypass input	Input format	3Ph+N+PE			
	Rated input voltage	380/400/415VAC			
	Bypass frequency range	50/60±6Hz			
Battery	Rated input voltage	360 ~ 528VDC(lead-acid battery: 30~44, adjustable battery number, default 40) 512VDC (SmartLi)			
The output	Output format	3Ph+N+PE			
	Rated voltage	380/400/415V AC±1%			
	Output frequency	Synchronization state, tracking the bypass input (online); 50/60Hz±0.05% (battery mode)			
	Voltage Harmonic distortion (THDv)	< 1% @ 100% linear load			
	Overload capacity	105%< load ⩽110%, switch to bypass after 60 minutes; When 110%< load ⩽125%, bypass after 10 minutes; 125%< load ⩽150%, bypass after 1 minute; When load >150%, bypass after 200 ms;			
system	Wiring methods	Up and down into the line compatible *			
	Switch	690VAC 250A/3P (maintenance bypass, main, static bypass input switch, output switch)			
	Output power factor	1			
	System efficiency	Up to 96% *			
	Parallel capability	4 PCS			
	Redundant power modules	N+1 redundancy is supported			
Environment	Operating temperature	0 °C to 40 °C			
	Storage temperature	- 40 °C ~ 70 °C			
	Relative humidity	0% to 95% (no condensation)			
	Working altitude	No derating within 1000m above sea level. Derating above 1000m refers to IEC62040-3 standard, up to 4000m			
	Noise	64.5 dB			
Other	Height x width x depth (mm)	2000mm×600mm×850mm			
	Weight	250kg	270kg	290kg	310kg
	Standards and Certification	Standard: IEC62040, YD/T 2165; Certification: Theil, CQC, CE, CB, RoHS, REACH, WEEE, etc			
	Communication interface	Interface: dry contact, RS485, FE; Communication protocol: HTTPS, Modbus, SNMP			

* The pictures, technical parameters and instructions displayed in the product promotion are for reference only, and the specific products are subject to the actual delivery.

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