UPS5000-A-(30-60kVA)-G

Data Sheet

UPS5000-A-30/40K-G

UPS5000-A-60K-G

UPS5000-A-G series (30 ~ 60kVA) adopts online dual conversion technology, which can completely eliminate all kinds of grid problems and provide customers with stable and pure AC power supply protection. UPS5000-A series key components redundant design, high reliability; Gantry tower compatible design, flexible and easy to use; All digital control technology, strong anti-interference ability, to ensure that the UPS can also be stable output in harsh conditions.

Highlights

Reliable

-138 ~ 485VAC ultra wide input voltage range, 40 ~ 70Hz ultra wide input frequency range, prolong battery life, adapt to harsh grid environment.
- The output power factor is 1 (30/40kVA). For PF > 0.5 capacitive and inductive load, the load capacity is increased by more than 30% compared with the traditional UPS.

High Efficiency

- The efficiency can reach 95.7%, effectively reducing the energy consumption of UPS and refrigeration equipment is simple.
-Compatible with rack tower installation, can be placed in a 19-inch standard rack, flexible to adapt to different installation environments.
- The number of batteries is adjustable from 30 to 44, which realizes the accurate configuration of the battery, avoids the customer to replace the whole battery when the single battery fails, and saves the customer maintenance cost.

Technical Specifications

Model number		UPS5000-A-30-G	UPS5000-A-40K-G	UPS5000-A-60K-G
Rated capacity (kVA/kW)		30kVA/30kW	40kVA/40kW	60kVA/54kW
Main input	Input format	3Ph+N+PE		
	Rated input voltage	380/400/415VAC		
	Input voltage range	138 ~ 485VAC		
	Input frequency range	40 to 70Hz		
	Input current 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 (30-44, adjustable number of battery, default 32 for 30/40kVA, default 40 for 60kVA)		
Output	Output format	3Ph+N+PE		
	Rated voltage	380/400/415VAC±1%		
	Output frequency	In synchronous mode, track bypass input (online mode); 50/60Hz±0.05% (battery mode)		
	Waveform distortion	THDv < 1% for 100% linear load		
	Overload capacity	30/40kVA: 110% overload after 60min to bypass, 125% overload after 10min to bypass, 150% overload after 1min to bypass 60kVA: 110% overload after 60min bypass, 125% overload after 10min bypass, 150% overload after 0.5min bypass		
System	Output power factor	30/40kVA: 1; 60kVA: 0.9		
	System efficiency	95.70%		
	Parallel capability	4 PCS		
	Repair bypass	Built-in		
Environment	Operating temperature	0 to 40. C		
	Storage temperature	-40 to 70. C		
	Relative humidity	0% to 95% (no condensation)		
	Working altitude	The altitude should not exceed 1000m, above 1000m reference IEC62040-3 standard derating, the highest 4000m		
Others	Tall x wide x deep	500 mm ×264 mm ×800 mm		1020 mm ×440 mm ×850 mm
	Weight (kg)	70		140
	Standards and Certification	Standard: EN/IEC 62040, YD/T 1095; Certification: Theil, CQC, CE, CB, RoHS, REACH, WEEE, etc		
	Communication interface and protocol	Communication interface: dry contact, RS485, FE; Communication protocol: Web, 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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