UPS2000-A-(6 to 10KVA)-G

Data Sheet

UPS2000-A-(6~ 10KVA)-G is based on online dual transformation technology, which is mainly used in small and medium-sized enterprises, large enterprise branches, bank outlets and other miniaturized data centers, network communication systems, automatic control systems, precision instruments and equipment and other scenes. It can completely eliminate all kinds of power grid problems and support tower installation. The highest efficiency can reach 95.5%. Compact model, high power density, support lead-acid battery backup power. Screen-free design, built-in WIFI and mobile phone APP communication, comprehensive and flexible monitoring of UPS status.

Highlights

Minimalism

- Screen-free design, built-in WIFI communication with mobile APP.
- Independent switch button, one key intelligent boot without testing.
- Compact body, extreme high density, effective installation space saving.

Green

- Double conversion mode, efficiency up to 95.5%, efficient power saving.
-ECO mode, the efficiency is up to 98.5%, economical and reliable.

Smart

- Full link ipower monitoring, changing from passive to AI predictive maintenance, realizing intelligent maintenance-free.
- optional 4 g module, support for multiple site management, the cloud, reduce operational costs.

Technical Specifications

Model number		UPS2000-A-6KVA-TT-G	UPS2000-A-10KVA-TT-G
Rated capacity		6 KVA/5.4 kW	10 kVA/9 kW
Input and output mode		Single input single output	Single in single out/triple in single out
Main way input	Input format	L+N+PE	L+N+PE/3Ph+N+PE
	Rated input voltage	L-N: 220/230/240Vac	
	Input voltage range	L-N: 80~280Vac (176~280Vac without derating, 176~80Vac linear derating to 40%)	
	Input frequency range	40~70Hz	
	Input current harmonic distortion	THDi < 3% (linear load)	
	Input power factor	⩾0.99 @ nominal voltage (100% Load)	
Bypass input	Input format	Primary side homology	
	Rated input voltage	L-N: 220/230/240Vac	
	Input frequency range	50/60±6Hz	
Output	Output format	L+N+PE	
	Rated output voltage	L-N: 220/230/240Vac ± 1%	
	Output frequency	In synchronous state, track bypass input; Battery mode: 50/60±0.1Hz	
	Power factor	0.9	
	Output voltage harmonic distortion	THDv < 1%, 100% linear load	
	Overload capacity	Mains mode: load ⩽105% continuous work 105% < load ⩽125% 10min after bypass 125% < load ⩽150% 1min after bypass load >150% 200ms after bypass	
System	System efficiency	Up to 95.5%	
Battery	Number of battery units	Support 12-20 lead-acid batteries (below 16 linear derated to 60%)	
Others	Dimensions (H x W x D)	430mm × 43mm × 514mm	430mm × 86mm × 514mm
	Weight	11kg	16kg
	Certification and Standards	YD/T 1095-2008, Theil certification, CQC energy-saving certification, etc	
	Communications	Modbus-RTU (optional SNMP/ dry contact)	

* 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.

GLORY

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Guangdong Glory technology Co., LTD.

1001A, Huimei Building, No. 3 Jinsui Road,Tianhe District,Guangzhou City , China

86-400-800-6805 (Chinese)

sales@glory-t.tech (Chinese & English)

www.glory-t.cn (English)

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