UPS2000-H-(6 to 10kVA)-G

Data Sheet

UPS2000-H-6KRTL-L -G

UPS2000-H-10KRTL-L-G

FusionPower series UPS2000-H-(6~10kVA) is based on online dual conversion technology, which is the ideal power supply solution for small scenarios. It can eliminate all kinds of grid problems, support rack or tower installation, and the efficiency can reach up to 96%. Compact model, high power density, effectively save installation space. 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 to communicate with mobile APP.
- Independent switch button, one key intelligent boot without testing.
- Compatible with rack/tower installation, suitable for different installation environments.
- Compact size, extremely high density, effective installation space saving (6kVA height only 1U, 10kVA height only 2U).

Green

- Dual conversion mode, efficiency up to 96%, efficient power saving.
- In ECO mode, efficiency is up to 99%, economical and reliable.

Smart

- Full link ipower monitoring, changing from passive to active AI predictive maintenance, realizing intelligent maintenance-free.
-Optional 4G module, supporting multi-site cloud management, reducing operation and maintenance costs.
- New and old lithium batteries are mixed and used to support phased capacity expansion.

Technical Specifications

Model number		UPS2000-H-6KRTL-L-G	UPS2000-H-10KRTL-L-G
Rated capacity (kVA/kW)		6kVA/6kW	10kVA/10kW
Input and output mode		Single input single output	Single in single out/triple in single out
Main road 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 full 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	
Battery	Battery voltage	Support 12 to 20 knots (linear derating to 60% below 16 knots)	
	Charging current	6kVA: 8A (MAX); 10kVA: 15A (MAX)	
System	System efficiency	Up to 96%	
	Parallel capability	4 PCS	
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	1	
	Output voltage harmonic distortion	THDv < 1%, 100% linear load	
	Overload capacity	Mains mode: load ⩽105% continuous operation 105% < load ⩽125% after 10min bypass 125% < load ⩽150% after 1min to bypass Bypass after load >150% 200ms	
Environment	Operating temperature	-5 ~ 50°C, derating use above 40°C	
	Storage temperature	-40 to 70°C	
	Relative humidity	0% to 95% (no condensation)	
	Altitude	The altitude should not exceed 1000m, above 1000m reference IEC62040-3 standard derating, the highest 4000m	
	Noise	55dB	
Others	Tall x wide x deep	43 mm ×442 mm ×504 mm	86 mm ×442 mm ×504 mm
	Weight	11kg	16kg
	Certification and Standards	YD/T 1095-2008, EN/IEC 62040-1, EN/IEC 62040-2, EN/IEC 62040-3, TLC, CE, CB, RoHS, Reach, WEEE, 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.

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