GPMM 6,10kW Online UPS

- True Double-Conversion
- Output Power Factor >0,9
- Input Power Factor Correction & Low input THDi
- Wide Input Voltage Range
- GE compatible
- Adjustable charging current
- ECO mode
- Multifunctional LCD
- Frequency Converter mode
- Tower / Rack Convertible
- SNMP/USB/RS-232 communications
- Optional N+X parallel redundancy

GPMM 6K/10K RACK/TOWER ONLINE UPS

MODEL		GPMM 6K(L) RT-LV	GPMM 6K(L) RT-HV	GPMM 10K(L) RT-LV	GPMM 10K(L) RT-HV
PHASE		1 phase in / 1 phase out			
CAPACITY		6000 VA / 5400 W	6000 VA / 5400 W	10000 VA / 9000 W	10000 VA / 9000 W
INPUT					
Nominal Voltage		208/220/230/240 VAC			
Voltage Range		110~300VAC @(0~60%) Load 140~300VAC @ (60~80%) Load 176~300VAC @(80~100%)Load			
Frequency Range		46~54 Hz ◎ 50Hz / 56~64 Hz ◎ 60Hz			
Phase		Single phase with ground			
Power Factor		≧ 0.99 @ full load			
THDi		<4% @100% Load, <6% @50% Load			
OUTPUT					
Output Voltage		104/110/115/120VAC	208*/220/230/240 VAC	104/110/115/120VAC	208*/220/230/240 VAC
AC Voltage Regulation (Batt. Mode)		± 1%			
Frequency Range (Synchronized Range)		46~54 Hz ◎ 50 Hz / 56~64 Hz ◎ 60 Hz			
Frequency Range (Batt. Mode)		50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz			
Current Crest Ratio		3:1 (max.)			
Harmonic Distortion		≦1.5 % THD (Linear Load), ≦ 7 % THD (Non-linear Load)			
Transfer Time	AC Mode to Batt. Mode	Zero			
	Inverter to Bypass	zero			
Waveform (Batt. Mode)		Pure Sinewave			
Overload	AC Mode	100%~110%: 10min、110%~130%: 1min、>130% : 1sec			
	Battery Mode	100%~110%: 30sec、110%~130%: 10sec、>130% : 1sec			

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EFFICIENCY					
AC Mode		89%	94%	89%	94%
Battery Mode		86%	91%	86%	91%
BATTERY					
Standard Model	Battery Type	12 V / 7 AH	12 V / 7 AH	12 V / 9 AH	12 V / 9 AH
	Numbers	16	16	16	16
	Typical Recharge Time	9 hours recover to 90% capacity			
	Charging Current (max.)	1.0 A			
	Charging Voltage	218.4 VDC ± 1%	218.4 VDC ± 1%	218.4 VDC ± 1%	218.4 VDC ± 1%
Long-run Model	Battery Type	Depending on applications			
	Numbers	16-20			
	Charging Current (max.)	4.0 A			
	Charging Voltage	(13.65VDC x battery number) ± 1%			
PHYSICAL					
Standard Model	Dimension, D X W X H (mm)	UPS Unit: 600x438x88 [2U] Battery Pack: 695x438x88 [2U] ISO bank: 600 x 438 x 88 [2U]	UPS Unit: 600x438x88 [2U] Battery Pack: 695x438x88 [2U]	UPS Unit: 600x438x88 [2U] Battery Pack: 695x438x88 [2U] ISO bank: 686 x 438 x 133 [3U]	UPS Unit: 600x438x88 [2U] Battery Pack: 695x438x88 [2U]
	Net Weight (kgs)	UPS Unit: 15 Battery Pack: 48 ISO bank：61	UPS Unit: 15 Battery Pack: 48	UPS Unit: 18 Battery Pack: 48 ISO bank：90	UPS Unit: 18 Battery Pack: 48
Long-run Model	Dimension, D X W X H (mm)	UPS Unit：600 x 438 x 88 [2U] ISO bank: 600 x 438 x 88 [2U]	600 x 438 x 88 [2U]	UPS Unit：600 x 438 x 88 [2U] ISO bank: 686 x 438 x 133 [3U]	600 x 438 x 88 [2U]
	Net Weight (kgs)	UPS Unit：15 ISO bank：61	15	UPS Unit：18 ISO bank：90	18
ENVIRONMENT					
Operation Humidity		20-90 % RH @ 0- 50°C (non-condensing)			
Noise Level		Less than 55dBA @ 1 Meter	Less than 55dBA @ 1 Meter	Less than 58dB @ 1 Meter	Less than 58dB @ 1 Meter
MANAGEMENT					
Smart RS-232/USB		Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8, Linux, Unix, and MAC			
Optional SNMP		Power management from SNMP manager and web browser			

* Derate capacity to 60% of capacity in CVCF mode and to 90% when the output voltage is adjusted to 208VAC.

**If the UPS is installed or used in a place where the altitude is above than 1000m, the output power must be derated one percent per 100m.

When using batteries from 16-19, the unit will de-rate according to below formula: P=Prating x N/20

Product specifications are subject to change without further notice

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