



- ⌚ True Double-Conversion CE Mark
- ⌚ Output Power Factor 1
- ⌚ Input Power Factor Correction & Low input THDi
- ⌚ Wide Input Voltage Range
- ⌚ GE compatible
- ⌚ Adjustable charging current
- ⌚ ECO mode and ROHS Compliant
- ⌚ 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 / 6000 W		6000 VA / 6000 W		10000 VA / 10000 W		10000 VA / 10000 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						

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		<=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			
STANDARD REFERENCE					
Topology		VFI-SS-111 ref. EN 62040-3			
SAFETY and EMC		EN 60950 EN 62040-1 dir. 2006/95/EL; EMC: EN 62040-2 dir. 2006/95/CE			