

Line interactive UPS PG II 800VA-5KVA



Technical Features:

- Line interactive UPS
- Touch screen LCD to display UPS information circularly(option)
- Compact size
- Simulated sine wave
- Boost and buck AVR for voltage stabilization
- Auto restart while AC is recovering
- Excellent microprocessor control guarantees high reliability
- Off-mode charging
- Cold start function
- Generator compatible(option)



Technical Specifications:

MODEL	PG II 800	PG II 1.1K	PG II T 1.5K	PG II T 2K	PG II T 2.5K	PG II T 3K	PG II T 5K
CAPACITY	800 VA / 720 W	1100 VA / 990 W	1500 VA / 1350 W	2000 VA / 1800 W	2500 VA / 2250 W	3000 VA / 2700 W	5000 VA / 4500 W
INPUT							
Voltage	110/115/120/127 VAC or 200/208/220/230/240 VAC					208/220/230/240 VAC	
Voltage Range	81-152 VAC or 162-290 VAC					162-290 VAC	
Frequency Range	60/50 Hz [auto sensing]						
OUTPUT							
Output Voltage	110/115/120/127 VAC or 200/208/220/230/240 VAC					208/220/230/240 VAC	
Voltage Regulation [Batt. Mode]	±1.5% (before battery alarm)						
Frequency Range [Batt. Mode]	50 Hz or 60 Hz ± 1 Hz						
Current Crest Ratio	3:1						
Harmonic Distortion	2% max @ 100% linear load, 5% max @ 100% non-linear load (before low battery alarm)						
Transfer Time	Typical 2-6 ms, 10ms max.						
Waveform [Batt. Mode]	Pure Sine Wave						
EFFICIENCY							
ECO Mode	97%						
Buck & Boost Mode	95%						
Battery Mode	≧ 88%, up to 90% @ nominal battery voltage				≧ 89%, up to 91% @ nominal battery voltage for 110/115/120/127 VAC ≧ 91%, up to 92% @ nominal battery voltage for 208/220/230/240 VAC		≧ 91%, up to 92% @ nominal battery voltage
BATTERY							
Battery Type & Number	12 V/7 Ah x 2	12 V/9 Ah x 2	12 V/7 Ah x 4	12 V/9 Ah x 4	12 V/7 Ah x 6	12 V/9 Ah x 6	12 V/10 Ah x 6
Charging Current [max.]	1.5 A						
Charging Voltage	27.4 VDC ± 1%		54.8 VDC ± 1%		82.1 VDC ± 1%		82.1 VDC ± 1%
Typical Recharge Time	4 hours recover to 90% capacity				Red lighting		
INDICATORS							
LCD Display	AC Mode, Battery Mode, Load Level, Battery Level, Input Voltage, Output Voltage, Overload, Fault, and Low Battery						
PROTECTION							
Full Protection	Overload, discharge, and overcharge protection						
ALARM							
Battery Mode	Sounding every 10 seconds						
Low Battery	Sounding every second						
Overload	Sounding every 0.5 second						
Fault	Continuously sounding						
PHYSICAL							
Dimension, D X W X H (mm)	279 x 101 x 142				350 x 146 x 160		397 x 146 x 205
Net Weight (kgs)	3.55	4.25	4.9	5.8	8.0	11.1	11.5
ENVIRONMENT							
Humidity	0-90 % RH @ 0- 40°C (non-condensing)						
Noise Level	Less than 40dB						

*Derate capacity to 80% of capacity when the output voltage is adjusted to 208VAC.

Product specifications are subject to change without further notice



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