



PowerGem Pro Series

Online Double Conversion UPS



Features:

- True double conversion
- Advanced digital signal processor technology
- Wide input voltage and frequency windows
- LCD mimic panel
- Near unity power factor
- Output power factor 0.9
- ECO mode operation for energy saving
- Extended runtime availability
- Emergency shutdown control through UPS
- Smart battery charger
- Customer options slot

- Communication software provided
- Programmable power management outlets



MODEL	PGPRO1500E
Power Rating (VA/Watts)	1500VA / 1350W
INPUT	
Voltage (VAC)	160 Vac ~ 294Vac
Frequency	50 - 60Hz ± 10% (auto selection)
Phase	Single phase with ground
Input power factor	0.99 @ 100% full load
OUTPUT	
Voltage	220 VAC
Voltage Regulation	± 1%
Power Factor	0.9
Wave Form	Sine wave, THD < 3%
Frequency Stability	50 Hz + 0.1% unless synchronised to line
Frequency Regulation	50Hz or +/- 0.3%
Transfer Time	0ms – No break
Crest Factor	3:1
Efficiency (AC to AC)	> 92 %
DC Start	Yes – able to start up without mains supply present
Output Connections	8 x IEC 320 C13
BATTERIES	
Type	Sealed lead acid Maintenance free batteries
Capacity	12V 9AH x 6pcs
Voltage (Vdc)	72
Recharge Time to 90%	3 hours
Built in Charger	1.0A
Typical Back Up Time	12 mins @ full load
GENERAL	
Surge Protection	Total energy dissipation 320 Joules
Audible and Visual Alarms	UPS status, load level, battery level, input/output voltage, discharger timer and fault conditions.
Operating Temperature	0-40°C
Humidity	90% RH maximum, non-condensing
Acoustic Noise at 1m distance	<45dBa
Interface Type	Selectable USB/ RS232 Interface
Cables Supplied	1pcs Input power cord (Shuko European Type), 2pcs IEC output power cords, 1pcs USB cable
Data Line Protection	Protection for telephone, fax, modem, internet lines including ADSL
Dimensions (mm) w x d x h	190 x 421 x 318
Net Weight (kgs)	28kgs