

SoHo Range of Uninterruptible Power Supplies

Line Interactive UPS

650VA – 5kVA

» Reliable » Plug & Play » Intelligent

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BPC have a range of Small Office/Home Office related Line Interactive UPS products, designed to offer total power protection to a broad range of applications.

The PowerStar and PowerPrem+ ranges will provide clean and reliable backup power to ensure continued data integrity and optimum performance under a wide range of mains power conditions. This high level of power protection can be incorporated with our advanced power management and diagnostics software package that will allow your IT Manager or Systems Integrator to remotely monitor and manage both the UPS and/or network server.

- » Fully intelligent Line Interactive
- » Microprocessor based design
- » Built-in USB and/or RS232 communication port
- » Boost and buck AVR for voltage stabilisation
- » Overload protection
- » Cold start function
- » Intelligent power management
- » Ideal for PC, IT, telecom applications

PowerPrem™+ Pure Sinewave UPS – 800VA - 5kVA



The PowerPrem+ range of Line Interactive Pure Sinewave UPS is a cost effective solution ideal for Network Server protection and inductive load applications such as lifts, roller shutter doors or motor loads.

The PowerPrem+ range has built-in boost and buck AVR. With built-in voltage regulation, the UPS will maintain regulated nominal output without using battery power during brownouts and overvoltages. Each model has multiple communication options available including an RS232 / USB and SNMP slot. 1kVA-3kVA long runtime models are available to provide extended backup times with larger internal charger options and matching battery cabinets, providing an enhanced and flexible product range to offer complete protection.

RACK/TOWER DESIGN

The PowerPrem+ range is designed to have the flexibility of use as a floor standing tower type UPS or to be integrated into the clients 19" rack cabinet. Each system is supplied with a mounting kit, allowing the user to choose either option of operation.

ADJUSTABLE LCD DISPLAY

The enhanced LCD display can be manually positioned and programmed for use as a rackmount or tower unit to suit the mode of operation, providing an intelligent and easily functional, fully comprehensive display showing all key parameters, alarms and indicators.



- Microprocessor-based line interactive design
- Pure sinewave output
- Built-in boost and buck AVR
- User-friendly LCD design
- Tower or Rackmount convertible design
- 0.9 output power factor (800VA-3kVA), (0.7 at 5kVA)
- Programmable Power Management Outlets (800VA-3kVA)
- Hot swappable battery design (800VA-3kVA)
- ECO Mode for energy saving
- Emergency power off function (EPO)
- Long runtime models rated at 0.8pf (1kVA-3kVA)
- Multiple communication options available

HOT SWAPPABLE BATTERIES

Having a hot swappable design for the PowerPrem 800VA-3kVA ensures clean and uninterruptible power to protected equipment during a battery replacement.



ECO MODE OPERATION FOR ENERGY SAVING

The ECO Mode function is available on 800VA-3kVA models allowing for a cost-effective operation of the system as high as 98%. In ECO Mode, the load is supplied by the mains and when the battery is fully charged, the fan will stop running for energy saving. In the event of a mains failure, the inverter takes over the load and provides supply continuity to the connected systems.

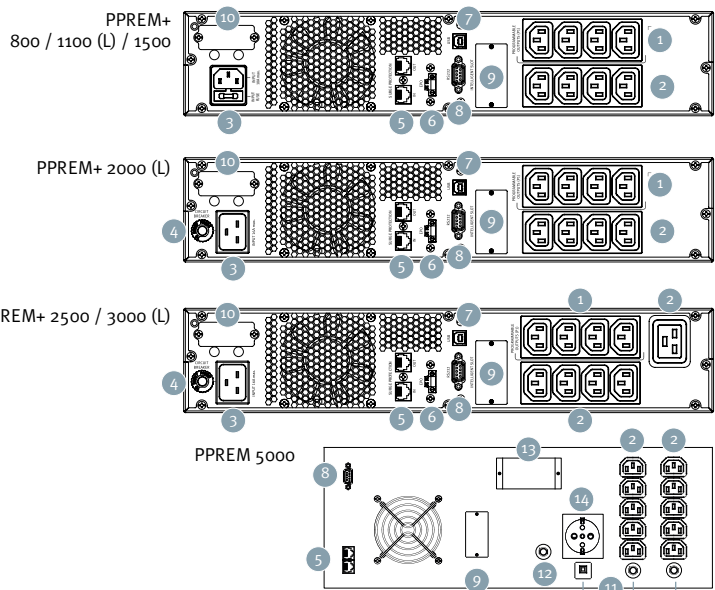
PowerPrem+ Line Interactive UPS Technical Specification



MODEL	PPREM+ 800	PPREM+ 1100 (L)	PPREM+ 1500	PPREM+ 2000 (L)	PPREM+ 2500	PPREM+ 3000 (L)	PPREM 5000	
Power Rating VA / Watts	800 / 720	1100 / 990	1500 / 1350	2000 / 1800	2500 / 2250	3000 / 2700	5000 / 3500	
INPUT								
Nominal Voltage	208 / 220 / 230 / 240 Vac (standard)						200/220/230/240 Vac	
Voltage Range	162 - 290 Vac (standard)						-20%~+24% standard -29%~+33% adjustable	
Frequency	50 Hz / 60 Hz (auto sensing)							
OUTPUT								
Nominal Voltage	208 / 220 / 230 / 240 Vac (standard)						200/220/230/240 Vac	
Frequency	50 Hz / 60 Hz ±1% (batt. mode)						50 Hz / 60 Hz	
Transfer Time	Typical 2 - 6ms, max. 10ms						Typical <4ms	
Overload Capability	103% - 120% shutdown after 5 minutes and go to fault, 120% - 150% shutdown after 10 seconds and go to fault, >150% shutdown after 1 second and go to fault						Overload alarm 100% - 120% Overload shutdown 120% - 190%	
Crest Factor	3:1							
BATTERY								
Standard Model	Battery Type	VRLA AGM Sealed Lead Acid Maintenance Free Batteries						
	Charging Current (max.)	1.5A					6A	
	Charging Voltage	27.4 Vdc ±1%		54.8 Vdc ±1%		82.1 Vdc ±1%		
Long Runtime Model	Charging Current (max.)	N/A	1A / 2A / 4A / 8A	N/A	1A / 2A / 4A / 8A	N/A	1A / 2A / 4A / 8A	
	Charging Voltage	N/A	27.4 Vdc ±1%	N/A	54.8 Vdc ±1%	N/A	82.1 Vdc ±1%	
GENERAL								
Operating Humidity	0 - 90% RH at 0 - 40°C (non-condensing)						5-90% RH at 0-40°C (non condensing)	
Acoustic Noise Level	<45 dB @ 1 metre						<40 dB @ 1 metre	
Management Software	Included							
Standard Model	Dimensions (mm) WxDxH	438 x 410 x 88		438 x 510 x 88		438 x 630 x 88		435 x 500 x 180
	Net Weight (kg)	12.9	13.4	19.5	21.5	30.63	32.24	80 (incl. battery)
Long Runtime Model	Dimensions (mm) WxDxH	N/A	438 x 410 x 88	N/A	438 x 410 x 88	N/A	438 x 410 x 88	N/A
	Net Weight (kg)	N/A	9	N/A	11	N/A	11.9	N/A

Schuko, NEMA & India Type sockets are available on request

- 1 Programmable outlets, connect to non-critical loads
- 2 Output receptacles, connect to mission-critical loads
- 3 AC input
- 4 Input circuit breaker
- 5 Network/Fax/Modem surge protection
- 6 Emergency power off function connector (EPO)
- 7 USB communication port
- 8 RS-232 communication port
- 9 SNMP intelligent slot
- 10 External battery connector (L models only)
- 11 Re-settable fuses for output
- 12 Re-settable fuse for input
- 13 Inlet (Screw type)
- 14 Schuko Socket



Advanced Power Conversion Solutions

The BPC Group

BPC is an international company operating for 20 years globally, with partners and distributors located around the world.

These regions include:

EUROPE

UK, France, Germany, Gibraltar, Ireland, Netherlands, Malta, Norway, Portugal.

MIDDLE EAST

Bahrain, Jordan, Kuwait, KSA, Lebanon, Oman, Qatar, UAE, Yemen.

AFRICA

Burkina Faso, Democratic Republic of the Congo, Egypt, Ethiopia, Kenya, Ghana, Libya, Nigeria, Rwanda, Sierra Leone, Sudan, Tanzania, Uganda, Zambia.

FAR EAST & ASIA

India, Pakistan, Sri Lanka.

To ensure a high level of pre and post-sales support is offered, BPC work closely with distributors, providing key commercial and technical training whilst providing competitive costing structures tailored to specific region markets, ensuring the most suitable BPC products are offered. We pride ourselves on long standing relationships with our partners which is reflected in the ongoing support provided locally.



The British Power Conversion Company

Authorised Distributor