

SoHo Range of Uninterruptible Power Supplies

Line Interactive UPS

650VA – 5kVA

)) Reliable)) Plug & Play)) Intelligent

VI



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

PowerStar™ Xtreme – Simulated Sinewave UPS

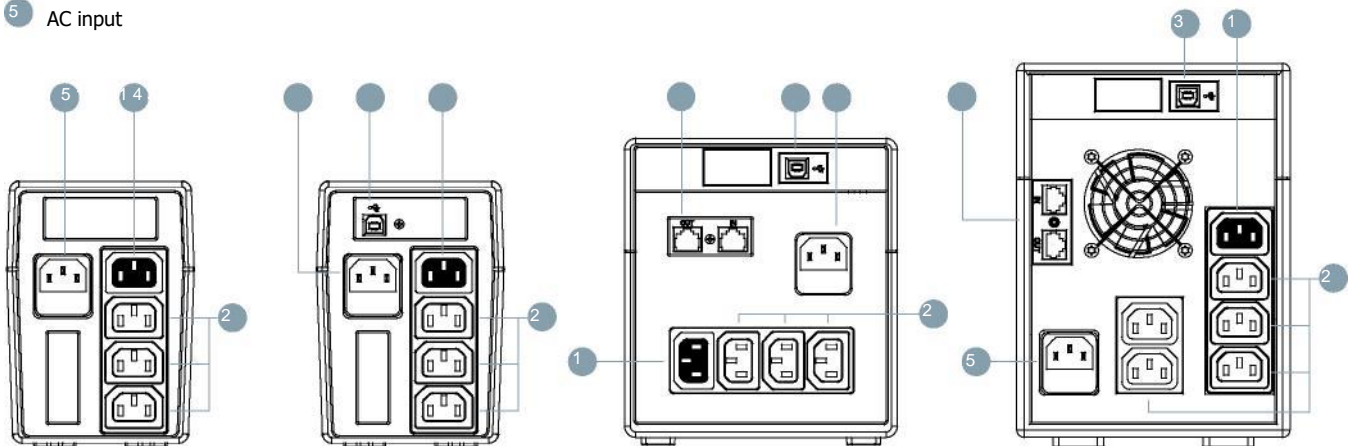
Technical Specification



MODEL	PSTARX 650	PSTARX 650S	PSTARX 1000S	PSTARX 1500S	PSTARX 2000S
Power Rating VA / Watts	650 / 360	650 / 360	1000 / 500	1500 / 900	2000 / 1200
INPUT					
Nominal Voltage	230 Vac				
Voltage Range	140 - 300 Vac		162 - 290 Vac		
Frequency	50 Hz / 60 Hz (auto sensing)				
OUTPUT					
Nominal Voltage	230 Vac				
Frequency	50 Hz ± 1 Hz				
Transfer Time	Typical 4 - 8ms, max. 10ms				
Overload Capability	110% ± 10% (shutdown after 5 minutes), 120% ± 20% (shutdown immediately)				
BATTERY					
Battery Type	VRLA AGM Sealed Lead Acid Maintenance Free Batteries				
Charging Current (max.)	Approx. 1A				
Charging Voltage	13.7 ± 0.5 V (normal mode)				
GENERAL					
Operating Humidity	0 - 90% RH at 0 - 40°C (non-condensing)				
Acoustic Noise Level	<40 dB @ 1 metre				
Management Software	N/A				Included
Dimensions (mm) WxDxH	100 x 287 x 142	146 x 350 x 160		146 x 397 x 205	
Net Weight (kgs)	4.25	8.9	11.1	11.5	

Designed for Middle East and Africa

- 1 Surge protected output
- 2 Battery backup output receptacles
- 3 USB communication port
- 4 RJ45 port
- 5 AC input



PSTARX 650 PSTARX 650S PSTARX 1000S PSTARX 1500/2000S

PowerStar™ Xtreme E

Simulated Sinewave UPS

1500VA

)) Reliable)) Plug & Play)) Intelligent

VI



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 Xtreme range 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))
LCD user interface

-)) Boost and buck AVR for voltage stabilisation
-)) Wide input voltage range
-)) Larger battery for longer runtime
-)) Cold start function
-)) Built-in USB communication port
-)) Overload protection
-)) Intelligent power management

PowerStar Xtreme E

Technical Specification



MODEL	PSTARX 1500E
Power Rating VA / Watts	1500 / 1000
INPUT	
Nominal Voltage	220 Vac
Voltage Range	140 - 300 Vac
Frequency Range	50 Hz (auto-sensing)
OUTPUT	
Nominal Voltage	220 Vac
Voltage Regulation (Battery Mode)	±10%
Frequency Range (Battery Mode)	50 Hz ±1%
Transfer Time	Typical 4-8ms
Waveform (Battery Mode)	Simulated Sinewave
BATTERY	
Battery Type & Number	Sealed Lead Acid Maintenance Free Batteries / 12v x4
Typical Runtime at Full Load	Greater or equal to 5mins
Typical Recharge Time	Less than 8hrs
PROTECTION	
Overall	User / Resettable circuit breaker
Surge	Total energy dissipation 430 joules
Full Protection	Short Circuit, Overload, Overcharge and Over-discharge
GENERAL	
Output Connections	4x IEC with surge protection / 4x IEC with surge protection and battery
Smart Communication Interface	USB Port
Humidity/Temperature	0-90% RH @ 0-40°C (non condensing)
Noise level	Less than 50dB
Intelligent Power Management	Included
Control Button	On/Off button
LCD Display Panel	Providing information on UPS operation such as input/output voltage, mode of operation, battery level, low battery, load level, overload, fault mode for short circuit, overcharge & battery replacement
Audible Alarms	On battery mode, low battery, overload, battery replacement and general fault
Input Mains Cable	Shuko plug compatible for German and French connections
Accessories	2x load IEC cables and user manual
Dimensions (mm) WxDxH	145 x 436 x 212
Net Weight (kgs)	22

- 1 AC Input
- 2 Input Circuit Breaker
- 3 USB Communication Port
- 4 Control On/Off Button
- 5 LCD Display Panel
- 6 Output Connections

PSTARX 1500E



PowerStar Xtreme E

Technical Specification



MODEL	PSTARX 1000E	PSTARX 2000E
Power Rating VA / Watts	1000 / 600	2000 / 1600
INPUT		
Nominal Voltage	220 VAC	
Voltage Range	140 – 300 VAC	
Frequency Range	50 Hz (auto-sensing)	
OUTPUT		
Nominal Voltage	220 VAC	
Voltage Regulation (Battery Mode)	±10%	
Frequency Range (Battery Mode)	50 Hz ± 1%	
Transfer Time	Typical 4 – 8 ms	
Waveform (Battery Mode)	Simulated Sinewave	
BATTERY		
Battery Type & Number	Sealed Lead Acid Maintenance Free Batteries / 12V x 4	
Typical Runtime at Full Load	Greater or equal to 5 mins	
Typical Recharge Time	Less than 8 hrs	
PROTECTION		
Overall	User / Resettable Circuit Breaker	
Surge	Total energy dissipation 430 Joules	
Full Protection	Short Circuit, Overload, Overcharge and Over-Discharge	
GENERAL		
Output Connections	4 x IEC with surge protection / 4 x IEC with surge protection and battery	
Smart Communication Interface	USB Port	
Humidity / Temperature	0-90% RH @ 0-40°C (non-condensing)	
Noise Level	Less than 50dB	
Intelligent Power Management	Included	
Control Button	On/Off button	
LCD Display Panel	Providing information on UPS operation such as input/output voltage, mode of operation, battery level, low battery, load level, overload, fault mode for short circuit, overcharge & battery replacement	
Audible Alarms	On battery mode, low battery, overload, battery replacement and general fault	
Input Mains Cable	Shuko plug compatible for German and French connections	
Accessories	2x load IEC cables and user manual	
Dimensions (mm) WxDxH	145 x 436 x 212	145 x 436 x 212
Net Weight (kgs)	22	25

- ① AC Input
- ② Input Circuit Breaker USB
- ③ Communication Port
- ④ Control On/Off Button LCD
- ⑤ Display Panel Output
- ⑥ Connections
- ⑦ Network / Fax / Modern Surge Protection RJ45

PSTARX 1000E & 2000E Models



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