

# PowerStar

Line Interactive Uninterruptible Power Supply

## The Total Power Protection and Management Solution for Computers



### Features:

- Excellent microprocessor control guarantees high reliability
- Compact design
- Built-in USB communication port
- Boost and buck AVR for voltage stabilization
- Intelligent battery management
- Output short circuit protection
- Overload protection
- Auto restart while AC is recovering
- Simulated sine wave
- Off-mode charging
- Cold start function

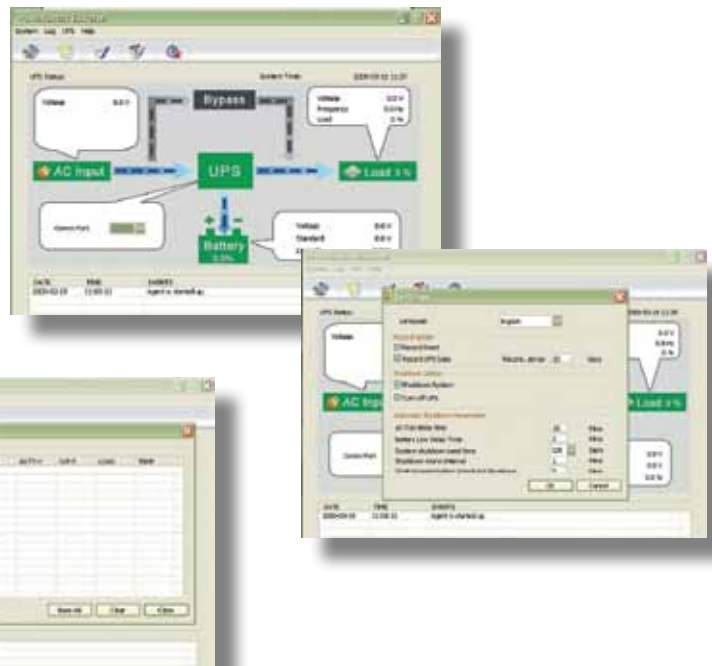
The BPC PowerStar range of Line Interactive UPS are designed to offer total power protection to a broad range of commercial and industrial environments. PowerStar will provide clean and reliable backup power to ensure continued data integrity and optimum performance under a wide range of mains power conditions. This high level of power protection can be incorporated with our advanced power management and diagnostics PowerSmart software package that will allow your IT Manager or Systems Integrator to remotely monitor and manage both the UPS and or Network server.

### PowerSmart Intelligent Power Management

Power failures and abnormal supply conditions can occur at any time, including when your Network system is running unattended.

When there is a power interruption, *PowerSmart* broadcasts a warning message to all workstation users on the network urging them to finish their current tasks. In the event of a lengthy power failure, *PowerSmart* automatically saves files and gracefully shuts down the operating system after a user-configured time period or when the UPS batteries are low on energy. *PowerSmart* can even notify an off-site systems administrator of the shutdown.

*PowerSmart* provides other useful management functions too, such as scheduling automatic system boot up and shutdown, monitoring UPS battery condition and logging and analyzing abnormal utility power conditions.



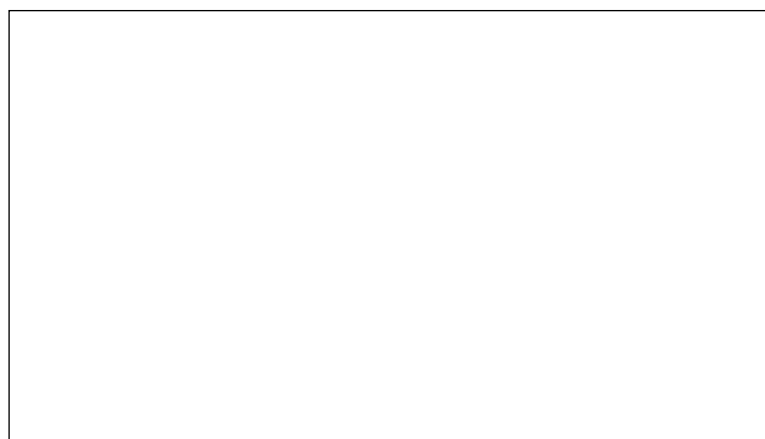
# PowerStar

Line Interactive Uninterruptible Power Supply

## Technical Specification

## Line Interactive UPS Technology

Model	PSTAR 650	PSTAR 850	PSTAR 1000
Power Rating (VA)	650	850	1000
Power Rating (Watts)	360	480	600
<b>Input</b>			
Nominal Voltage	230 VAC		
Voltage Range	162-290 VAC		
Frequency Range	60/50Hz (auto sensing)		
<b>Output</b>			
AC Voltage Regulation (Battery Mode)	±10%		
Frequency Range (Battery Mode)	60 or 50Hz ±1%		
Transfer Time	Typical 2-6 ms, Max. 10 ms		
Waveform	Simulated Sine Wave		
<b>Battery</b>			
Battery Type & Number	12V 7AH x 1	12V 9AH x 1	12V 7AH x 2
Typical Recharge Time	4-6 recover to 90% capacity		
<b>Indicators</b>			
AC Mode	Green light		Green light
Battery Mode	Green light		Yellow flashing
Fault	N/A		Red light
<b>Alarms</b>			
Battery Mode	Sounding every 10 seconds		
Low Battery	Sounding every second		
Overload	Sounding every 0.5 second		
Battery Replacement Alarm	Sounding every 2 seconds		
Fault	Continuous sounding		
<b>Physical</b>			
Smart Communication Interface	USB port		USB port
Data/Telephone Protection	RJ 11 port		RJ 11 port
Dimensions (w x d x h) mm	100 x 287 x 142		146 x 350 x 160
Net Weight (kgs)	4.25	4.9	8
<b>Environment</b>			
Humidity	0-92% RH @ 0-40°C (non-condensing)		
Noise Level	Less than 40dB		
<b>Management</b>			
PowerSmart Intelligent Power Management	Supports Windows 98 SE/ME/NT 4.x/2000/2003/XP/Vista/2008		



The British Power Conversion Company

### BPC EMEA Limited

BPC House  
Romsey Industrial Estate  
Greatbridge Road  
Romsey  
Hampshire SO51 0HR  
United Kingdom

Tel: +44 (0) 1794 521200  
Fax: +44 (0) 1794 521400  
e-mail: sales@bpc-ups.com  
www.bpc-ups.com