

# PowerStar 800 TE

Uninterruptible Power Supply

*The Total Business Phone System Protection with Long Runtime Backup Autonomy*



## Features:

- 4 times X battery backup power
- Microprocessor based design
- Fully intelligent line interactive
- Extra wide automatic voltage regulation
- Visual diagnostics for battery level & special status
- Surge suppression for data/telephone
- Double protection for overload / short circuit
- All in one button for self test, alarm reset & DC start
- Smart RS232 communication port

The BPC **PowerStar 800 TE** version of Line Interactive UPS is designed specifically for traditional and sophisticated business telephone systems to provide clean and reliable backup power for long periods of time to ensure continued connection and optimum performance under a wide range of mains power conditions.

Many communication phone systems today offer the ability to bundle telephony, internet access and networking into one complete system so the need for backup power protection is more than ever required to ensure business continuity.

Our advanced **PowerStar 800 TE** model has a highly efficient silicon core transformer ensuring increased performance at low power ratings. Advanced visual diagnostics is another key feature because both the battery and load conditions are indicated through LED bar which graph the real time battery power level and the actual % load.

Our advanced power management and diagnostic software package **PowerSmart** is available, this will allow you to remotely monitor and manage the UPS system and can provide other useful management functions.



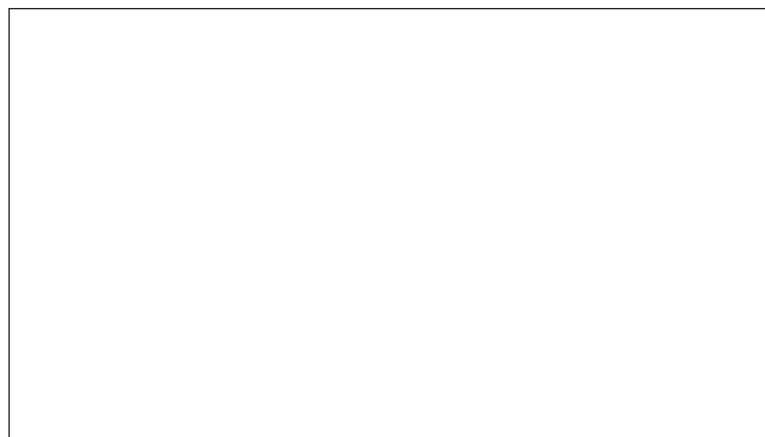
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## Technical Specification

## Line Interactive UPS Technology

Model		POWERSTAR 800 TE
UPS Type		Fully Intelligent line interactive
Power Rating (VA)		800
Power Rating (Watts)		480
Input		
Voltage		Selectable 200/220/230/240V
Frequency		50Hz/60Hz Auto detect
Current 230V		4 Amps
Output		
Voltage		Rated voltage $\pm 6\%$ for back-up mode, or $\pm 10\%$ for AVR
Frequency		50Hz or 60Hz $\pm 0.1\text{Hz}$ (selectable under DC start)
Wave Form		Simulated pseudo sine wave
Current 230V		3.7 Amps
Transfer Time		4 ms typical
Battery		
Type		Sealed lead acid maintenance free
Voltage/Capacity		12 volt 7AH x 4pcs
Typical Backup Time:		
Traditional Business Phone System		Approx. 50 watts = 4 hours
Hybrid Phone System		< 100 watts = 2 hours
Advanced Digital Phone System		< 150 watts = 1 hours
Sophisticated Business Phone System		< 300 watts = 30 mins.
Recharge Time		90% within 5 hours
LED/Alarm Indication		
Normal/in charge		Green, LED No Beep
Back-up/Abnormal Input Voltage		Orange LED Flashing, 2 Beeps/sec.
Abnormal Input Frequency (back-up)		Orange LED Rapid Flashing, No Beep
Low Battery		Orange LED Flashing, 4 Beeps/sec.
Battery Replacement		Red, LED Flashing, 8 Beeps/sec.
Overload/Fault		Red, LED Flashing, Continuous Beep
Indication of Special Status		Replacement battery/alarm off/ charging/buck/boost
DC Start/Alarm Reset		Yes
Battery Level Indication		Yes
General		
Environment Temperature		0-40°C
Environment Humidity		30-95% Non-condensing
Dimensions (w x d x h) mm		180 x 450 x 200
Net Weight/Gross Weight (kgs)		25/26



The British Power Conversion Company

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