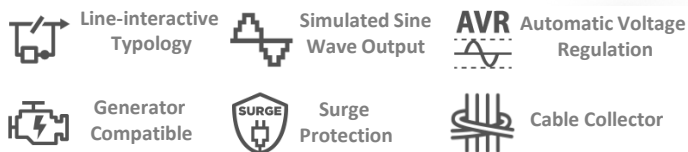


BS450/650/850E

BS Series

BRICK UPS with Flexible Installation



CyberPower BS Series offers home and office users a reliable battery backup and safeguards office PCs and other electronic devices from surges, spikes, brownouts and other power occurrences. Its mounting design allows flexible installation including horizontal, cabinet, and wall-mount orientations. Designed with GreenPower UPS™ Technology to improve operating efficiency and to minimize energy consumption, this UPS delivers significant energy cost reduction over conventional UPS systems.

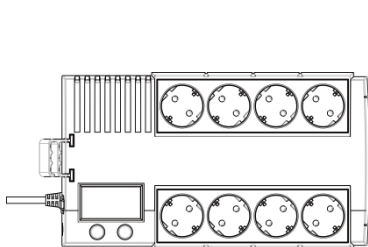
The PowerPanel® Personal Edition management software (USB connection) automatically saves computer files and safely shuts down the system during power outage, allows users to perform scheduled shutdowns and self-diagnostics. The PowerPanel also provides monitoring of power voltage readings and approximate backup time.

APPLICATIONS

- Home and Home Office
- Home Theater System
- Small Office

SERIES FEATURES

- Line-interactive UPS Topology
- Simulated Sine Wave Output
- Automatic Voltage Regulation (AVR)
- Generator Compatible
- Surge and Spike Protection
- Cable Collector Included
- PowerPanel® Management Software
- Brick Form Factor



Front



Cable Collector

AUTOMATIC VOLTAGE REGULATION

Automatic Voltage Regulation provides clean, consistent AC power by automatically regulating low voltages and over voltages within defined tolerances, when incoming utility power has minor fluctuations.

PowerPanel® Personal Edition Software

System Graceful Shutdown Software

This software can provide orderly shutdown for your computer systems during the event of an extended AC power failure. This software supports Windows 10/8.1/8/7/Vista/XP and Server 2003/2008/2012. Compatible Linux software and Mac instructions are available for download on the website.

*Software functions may vary due to firmware version and/or hardware constraints.

TECHNICAL SPECIFICATIONS

Model Name	BS450E	BS650E	BS850E
General			
UPS Topology	Line-interactive	Line-interactive	Line-interactive
Input			
Generator Compatibility	Yes	Yes	Yes
Nominal Input Voltage (Vac)	230 ± 10%	230 ± 10%	230 ± 10%
Input Voltage Range (Vac)	165 ~ 290	165 ~ 290	165 ~ 290
Input Frequency (Hz)	50 ± 5, 60 ± 5	50 ± 5, 60 ± 5	50 ± 5, 60 ± 5
Input Frequency Detection	Auto-sensing	Auto-sensing	Auto-sensing
Rated Input Current (A)	2.05	2.95	3.86
Input Connector Type	Schuko	Schuko	Schuko
Output			
Capacity (VA)	450	650	850
Capacity (Watts)	270	390	480
On Battery Waveform	Simulated Sine Wave	Simulated Sine Wave	Simulated Sine Wave
On Battery Voltage(s) (Vac)	230 ± 10%	230 ± 10%	230 ± 10%
On Battery Frequency (Hz)	50 ± 1%, 60 ± 1%	50 ± 1%, 60 ± 1%	50 ± 1%, 60 ± 1%
Automatic Voltage Regulation (AVR)	Single Boost, Single Buck	Single Boost, Single Buck	Single Boost, Single Buck
Overload Protection	Circuit Breaker	Circuit Breaker	Circuit Breaker
Outlet(s) - Total	8	8	8
Outlet Type	Schuko x 8	Schuko x 8	Schuko x 8
Outlet(s) - Battery & Surge Protected	4	4	4
Outlet(s) - Surge-Only Protected	4	4	4
Typical Transfer Time (ms)	4	4	4
Battery			
Runtime at 60W (min)	19	28	30
Runtime at 90W (min)	12	16	20
Typical Recharge Time (Hours)	8	8	8
User-replaceable	No	No	No
Battery Type	Sealed Lead-acid	Sealed Lead-acid	Sealed Lead-acid
Surge Protection & Filtering			
Surge Suppression (Joules)	130	130	130
EMI/RFI Filtration	Yes	Yes	Yes
Management & Communications			
LED Indicators	Power On, Line Mode, Battery Mode, Low Battery, UPS Fault		
HID Compliant USB Port(s)	1	1	1
Audible Alarms	Battery Mode, Low Battery, Overload, UPS Fault		
Power Management Software	PowerPanel® Personal Edition	PowerPanel® Personal Edition	PowerPanel® Personal Edition
Physical			
Form Factor	Brick	Brick	Brick
Physical Size - UPS Module			
Dimensions (WxHxD) (mm.)	166 x 118 x 288	166 x 118 x 288	166 x 118 x 288
Weight (kg.)	4.2	4.3	4.7
Environmental			
Operating Temperature (°C)	0 ~ 40	0 ~ 40	0 ~ 40
Operating Relative Humidity (Non-condensing) (%)	0 ~ 90	0 ~ 90	0 ~ 90
Online Thermal Dissipation (BTU/hr)	40	40	40
Certifications			
Certifications	CE, EAC	CE, EAC	CE, EAC
RoHS	Yes	Yes	Yes

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