## BK SERIES
AVR UPS 400VA-1000VA

Main Features

- LCD display or LED display for option;
- Excellent microprocessor control optimizes reliability;
- Built super smart charger, shorten charging time;
- Boost and buck AVR for voltage stabilization;

- Power-on self test;
- Built-in self-diagnostic function;
- Off mode charging function;
- Intelligent battery management;

Function diagram

① 1 RJ45 port+ WIFI+AP

② WIFI+AP

③ 2 RJ45 ports
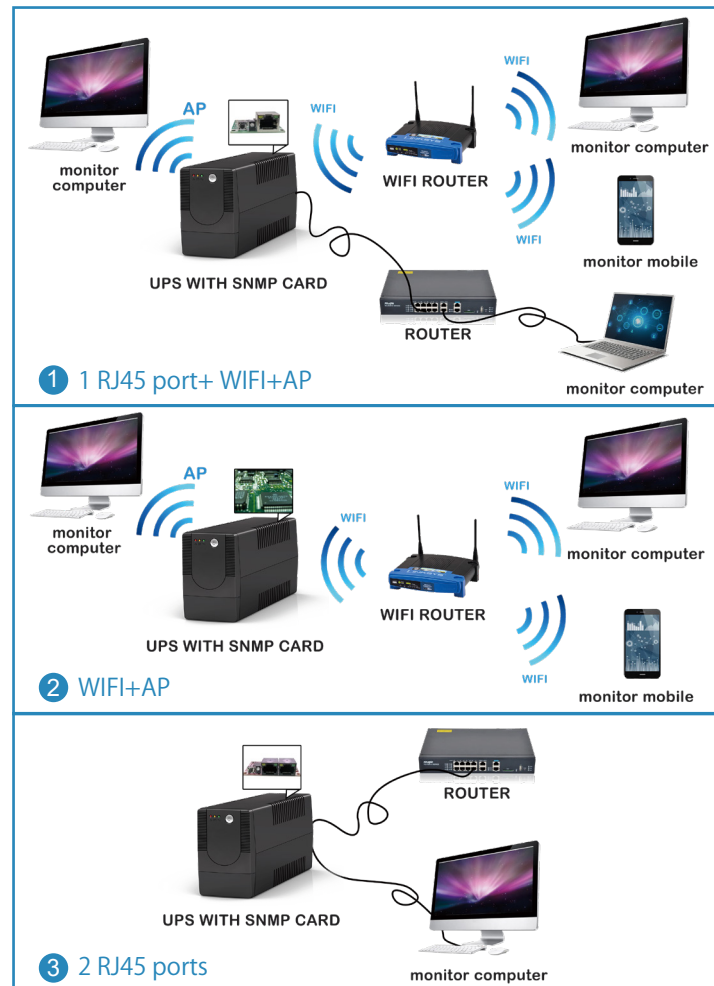
Rear Panel

Specifications

MODEL	BK450	BK650	BK850	BK1000B
Capacity	450VA/240W	650VA/360W	850VA/480W	1000VA/600W
INPUT				
Voltage	110/120 VAC or 220/230/240 VAC			
Voltage Range	81-145VAC or 162-290VAC			
Frequency Range	60/50 Hz (Auto sensing)			
OUTPUT				
Voltage	110/120 VAC or 220/230/240 VAC			
AC Voltage Regulation (Bat Mode)	±10%			
Frequency Range (Bat Mode)	60Hz or 50Hz ± 1Hz			
Transfer time	Typical 2-6ms			
Waveform (Bat Mode)	Simulated Sine Wave			
BATTERY				
Battery Type&Number	12V 4.5Ah*1	12V 7Ah*1	12V 9Ah*1	12V 9Ah*1
Floating Charging Voltage	13.7VDC			
Charging ability	4-6 hours recover to 90% capacity			
PROTECTION				
Full protection	Short circuit, Overload, Battery discharge and overcharge, Surge protection			
INDICATIONS				
Line mode	Green lighting			
Battery mode	Yellow flashing			
Fault	Red lighting			
ALARM				
Battery mode	Sounding every 10 seconds			
Low battery	Sounding every second			
Overload	Sounding every 0.5 seconds			
Battery Replacement Alarm	Sounding every 2 seconds			
Fault	Continuously sounding			
COMMUNICATIONS				
USB/RS232/SNMP (options)	Supports Windows 2000/2003/XP/Vista/2008,Windows 7/8 Linux Unix and MAC			
ENVIRONMENT				
Humidity	0-90% Relative Humidity 0-40 ℃ (Non-condensing)			
Noise Level	Less than 40dB			
Dimension, D*W*H(mm)	297*101*142			
Net Weight (kgs)	3.7	4.2	4.9	4.9
QTY/20FT	2300PCS without Pallet		1600PCS with Pallet	
QTY/40GP	4700PCS without Pallet		3360PCS with Pallet	
QTY/40HQ	5700PCS without Pallet		3780PCS with Pallet	

※ All Specifications are subject to change without notice.
  Custom-made specifications are acceptable.

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BK SERIES
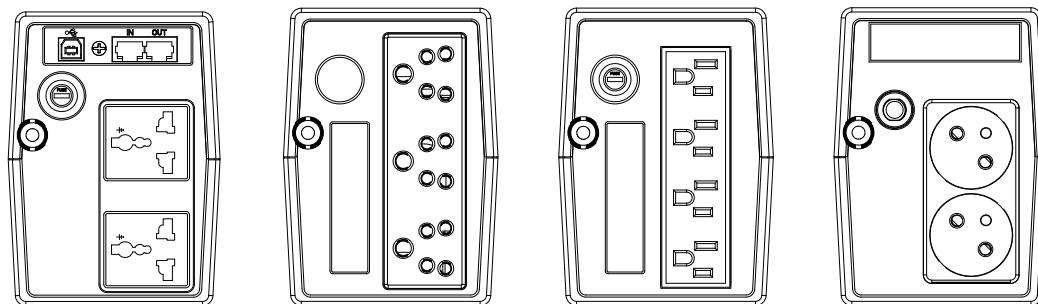## AVR UPS 400VA-1000VA
LCD DISPLAY

Main Features

- Built super smart charger, shorten charging time;
- Boost and buck AVR for voltage stabilization;
- Simulated sine wave;
- Auto restart while AC is recovering;
- Power-on self test;
- Built-in self-diagnostic function;

- Off mode charging function;
- Intelligent battery management;
- Optional no-load shut down;
- Humanized alarm system;
- Compatible with generator set (optional);

Applications:

PC   Monitor   ADSL   POS   Home Appliance

Rear Panel

- AC input;
- Output Socket(selectable);
- TEL/Modem/Fax surge protection(RJ11/RJ45) (optional);

- USB/RS232 communication (optional);
- AC Fuse/Breaker (optional).

Specifications

MODEL	BK450	BK650	BK850	BK1000B
Capacity	450VA/240W	650VA/360W	850VA/480W	1000VA/600W
INPUT				
Voltage	110/120VAC or 220/230/240 VAC			
Voltage Range	140-300VAC			
Frequency Range	60/50 Hz (Auto sensing)			
OUTPUT				
Voltage	110/120VAC or 220/230/240 VAC			
AC Voltage Regulation (Bat Mode)	±10%			
Frequency Range (Bat Mode)	60Hz or 50Hz ± 1Hz			
Transfer time	Typical 2-6ms			
Waveform (Bat Mode)	Simulated Sine Wave			
BATTERY				
Battery Type&Number	12V 4.5Ah*1	12V 7Ah*1	12V 9Ah*1	12V 9Ah*1
Floating Charging Voltage	13.7VDC			
Charging ability	4-6 hours recover to 90% capacity			
PROTECTION				
Full protection	Short circuit, Overload, Battery discharge and overcharge, Surge protection			
INDICATIONS				
Line mode	Green lighting			
Battery mode	Yellow flashing			
Fault	Red lighting			
ALARM				
Battery mode	Sounding every 10 seconds			
Low battery	Sounding every second			
Overload	Sounding every 0.5 seconds			
Battery Replacement Alarm	Sounding every 2 seconds			
Fault	Continuously sounding			
COMMUNICATIONS				
USB/RS232/SNMP (options)	Supports Windows 2000/2003/XP/Vista/2008,Windows 7/8 Linux Unix and MAC			
ENVIRONMENT				
Humidity	0-90% Relative Humidity 0-40 ℃ (Non-condensing)			
Noise Level	Less than 40dB			
Dimension, D*W*H(mm)	297*101*142			
Net Weight (kgs)	3.7	4.2	4.9	4.9
QTY/20FT	2300PCS without Pallet		1600PCS with Pallet	
QTY/40GP	4700PCS without Pallet		3360PCS with Pallet	
QTY/40HQ	5700PCS without Pallet		3780PCS with Pallet	

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BK SERIES
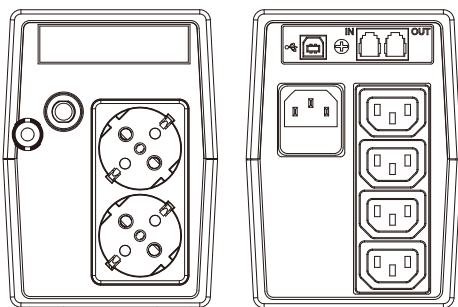## AVR UPS 400VA-1000VA
LED DISPLAY

Main Features

- Excellent microprocessor control optimizes reliability;
- Built super smart charger, shorten charging time;
- Boost and buck AVR for voltage stabilization;
- Simulated sine wave;
- Auto restart while AC is recovering;
- Power-on self test;
- Built-in self-diagnostic function;
- Off mode charging function;
- Intelligent battery management;
- Optional no-load shut down;
- Humanized alarm system;
- Compatible with generator set (optional);
- Optional RS232/USB communication port and RJ11/RJ45 protection.
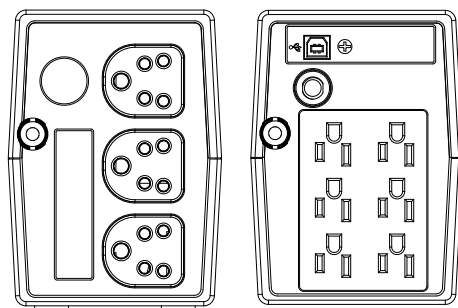
Rear Panel

- AC input;
- Output Socket(selectable);
- TEL/Modem/Fax surge protection(RJ11/RJ45) (optional);
- USB/RS232 communication (optional);
- AC Fuse/Breaker (optional).

Applications:

PC   Monitor   ADSL   POS   Home Appliance

Specifications

MODEL	BK450	BK650	BK850	BK1000B
Capacity	450VA/240W	650VA/360W	850VA/480W	1000VA/600W
INPUT				
Voltage	110/120 VAC or 220/230/240 VAC			
Voltage Range	81-145VAC or 162-290VAC			
Frequency Range	60/50 Hz (Auto sensing)			
OUTPUT				
Voltage	110/120 VAC or 220/230/240 VAC			
AC Voltage Regulation (Bat Mode)	±10%			
Frequency Range (Bat Mode)	60Hz or 50Hz ± 1Hz			
Transfer time	Typical 2-6ms			
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BATTERY				
Battery Type&Number	12V 4.5Ah*1	12V 7Ah*1	12V 9Ah*1	12V 9Ah*1
Floating Charging Voltage	13.7VDC			
Charging ability	4-6 hours recover to 90% capacity			
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Line mode	Green lighting			
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Battery Replacement Alarm	Sounding every 2 seconds			
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COMMUNICATIONS				
USB/RS232/SNMP (options)	Supports Windows 2000/2003/XP/Vista/2008,Windows 7/8 Linux Unix and MAC			
ENVIRONMENT				
Humidity	0-90% Relative Humidity 0-40 ℃ (Non-condensing)			
Noise Level	Less than 40dB			
Dimension, D*W*H(mm)	297*101*142			
Net Weight (kgs)	3.7	4.2	4.9	4.9
QTY/20FT	2000PCS without Pallet		1600PCS with Pallet	
QTY/40GP	4384PCS without Pallet		3360PCS with Pallet	
QTY/40HQ	4888PCS without Pallet		3780PCS with Pallet	

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