



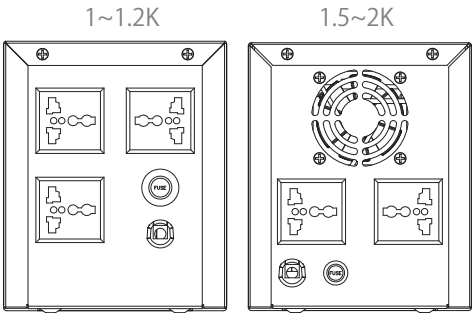
Main Features

- 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;
- 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:



Specifications

| MODEL                               | BU450   | BU650               | BU800          | BU1000              | BU1200          | BU1500          | BU2000           |
|-------------------------------------|---|---------------------|----------------|---------------------|-----------------|-----------------|------------------|
| Capacity                            | 450VA/<br>240W  | 650VA/<br>360W      | 800VA/<br>480W | 1000VA/<br>600W     | 1200VA/<br>720W | 1500VA/<br>900W | 2000VA/<br>1200W |
| INPUT                               |   |                     |                |                     |                 |                 |                  |
| Voltage                             | 110/120 VAC or 220/230/240 VAC  |                     |                |                     |                 |                 |                  |
| Voltage Range                       | 81-145VAC or 162-290VAC   |                     |                |                     |                 |                 |                  |
| Frequency Range                     | 55/65 Hz (Auto sensing)   |                     |                |                     |                 |                 |                  |
| OUTPUT                              |   |                     |                |                     |                 |                 |                  |
| Voltage                             | 110/120 VAC or 220/230/240 VAC  |                     |                |                     |                 |                 |                  |
| AC Voltage Regulation<br>(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*7Ah*2           | 12V*7Ah*2       | 12V*9Ah*2       | 12V*7Ah*4        |
| Charging ability                    | 4-6 hours recover to 90% capacity   |                     |                |                     |                 |                 |                  |
| PROTECTION                          |   |                     |                |                     |                 |                 |                  |
| Full protection                     | Overload, discharge, and overcharge protection  |                     |                |                     |                 |                 |                  |
| INDICATIONS                         |   |                     |                |                     |                 |                 |                  |
| LCD Display                         | AC/Battery Mode, Load/Battery Level, Input/Output Voltage, Overload, Fault, and low Battery |                     |                |                     |                 |                 |                  |
| 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   |                     |                |                     |                 |                 |                  |
| Dimension, D*W*H(mm)                | 260*90*150  | 320*90*150          |                | 370*135*165         |                 |                 |                  |
| Net Weight (kgs)                    | 3.7   | 5.4                 | 5.8            | 9                   | 9.2             | 11.1            | 11.5             |
| QTY/20FT                            | 1920PCS<br>with Pallet  | 1600PCS with Pallet |                | 960PCS with Pallet  |                 |                 |                  |
| QTY/40GP                            | 4032PCS<br>with Pallet  | 3360PCS with Pallet |                | 2016PCS with Pallet |                 |                 |                  |
| ENVIRONMENT                         |   |                     |                |                     |                 |                 |                  |
| Humidity                            | 0-95% Relative Humidity 0-40 °C (Non-condensing)  |                     |                |                     |                 |                 |                  |
| Noise Level                         | Less than 40dB  |                     |                |                     |                 |                 |                  |
| COMMUNICATIONS                      |   |                     |                |                     |                 |                 |                  |
| USB/RS232/SNMP (options)            | Supports Windows 2000/2003/XP/Vista/2008,Windows 7/8 Linux Unix and MAC                     |                     |                |                     |                 |                 |                  |

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

