

BMS UPS / BIG POWER UNIT FOR DRONES AND UAVs



- **5500 W AC Power**
- **Instant 11000 W AC Power**
- **Pure Sine Wave AC Output**
- **220 Volt AC 50 Hz**
- **Long Life Battery 10 Years**
- **Multiple Charges 4000 Cycle**
- **Battery Cell Chemistry: LiFePO4**
- **Battery 51.2V 54Ah**
- **Wireless Access Battery BMS**
- **Offline UPS Operation Feature**
- **Grid and MPPT Solar Charging**
- **LCD Display**
- **Working Status with LCD Icons**
- **Monitoring All Parameters and Programming Some Parameters from the LCD Menu**
- **Touch Automatic Fast Fuse 50 Ampere on AC Input and AC Output**
- **Military Type Bag**
- **Portable Big Wheeled**

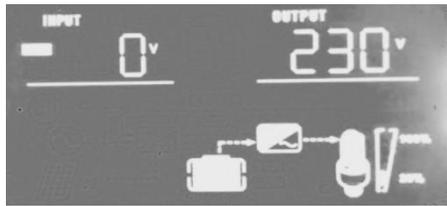


LCD FUNCTIONS

Working Status with LCD Icons:



- There is mains energy, it transfers it to the output and charges the battery. It's charging.



- No mains power, AC output on battery
It gives 230 W



- There is mains energy, it does not give it to the output, it charges the battery.

Parameters Viewable from LCD Menu

- Mains input AC voltage
- System output AC voltage
- Grid input frequency and system output frequency
- Battery charging current
- Battery charging voltage
- Battery charging power
- Output power percentage
- Output power in VA and Watts
- Battery output current
- (Main and coprocessor versions)

Parameters Programmable from LCD Menu

- Maximum Battery Charging Current
- System input AC voltage limit (90-280 VAC or 170-280 VAC)
- Alternating current output frequency (50 Hz or 60 Hz)
- Battery Charging voltages
- Battery cut-off voltage (DC)
- Automatic restart setting after inrush current output or high temperature
- Alarm on/off
- LCD screen backlight on/off
- On/off beep sound when mains power is lost
- Registration error code toggle
- Solar or grid power draw priority setting
- Minimum and maximum DC setting required for switching

