

Specification

INPUT	Voltage	190 - 265VAC
	Frequency	50 or 60Hz
OUTPUT	Voltage (AC mode)	13.8V ±2%
	Voltage (BT mode)	Same as battery voltage
	Rated Current	5A
	Rated Power	80W (with charging)
BATTERY	Battery Type	12V lead acid
	Charge Voltage	13.8V ±2%
	Charge Current	800mA
PROTECTION	Input Fuse	2A / 250VAC
	Overload	6A ±5%
	Over Voltage	16V ±5%
	Deep Discharge	10V ±2%
	Short Circuit	Hiccup mode
TEMPERATURE	Working: -20 ~ 50°C	Storage: -30 ~ 80°C
HUMIDITY	Working: 20 ~ 80%RH	Storage: 10 ~ 90%RH
METAL BOX	265 x 195 x75mm	

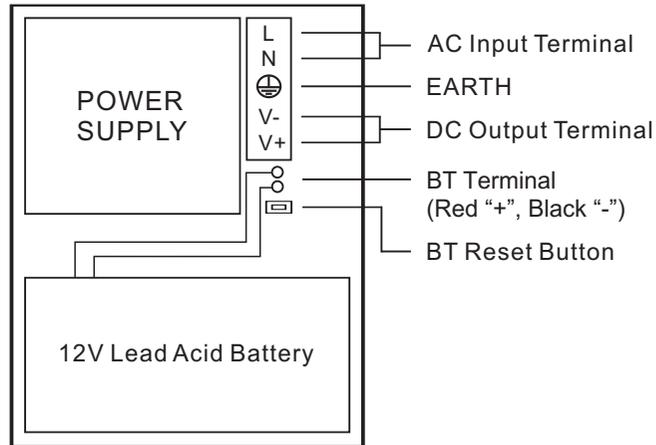
LED Indicator

LED \ Status	On	Off	Flickering
RED	Input OK	Input Failure	———
GREEN	Output OK	Output Failure	———
YELLOW	Battery Fully Charged	Battery Discharging	Battery Charging

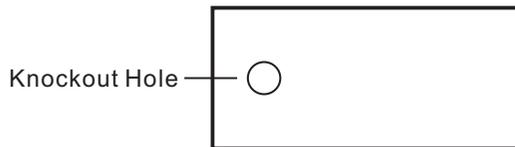
Noted: All LED indicators are flickering when a short circuit or overload occurs.

Wiring Diagram

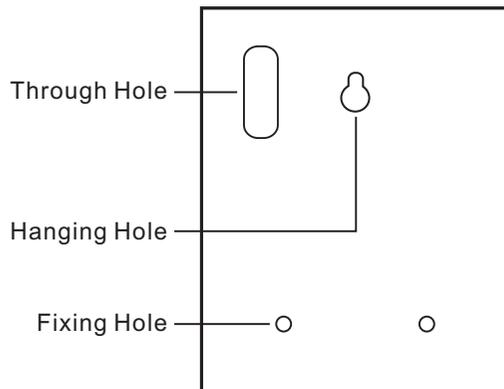
Internal



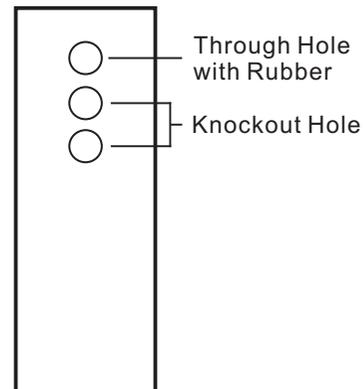
Top Side



Back Side



Right Side



Warning

- ▶ The power supply must be installed by a qualified person.
- ▶ Do not open the shield. Please return to the distributor if there is any problem.
- ▶ The power supply is intended for indoor use only.
- ▶ Use only a rechargeable sealed lead acid battery according to the specifications.
- ▶ When the battery is replaced, either restart the AC power or press the "BT Reset" button to activate the new battery.
- ▶ Please use a new battery to activate the charging circuit. A Bad battery will cause deep discharge protection.

Installation Instructions

WARNING!!!

Please ensure the AC power is off before any operation.

- ▶ Use the hanging hole to hang the PSU and apply M3 screws to the fixing holes to mount the PSU.
- ▶ Connect the load device to the DC output terminals (V+, V-), as shown in wiring diagram.
- ▶ If applicable, connect red and black battery cables to battery terminals, red cable: +, black cable: -
- ▶ Connect the supplied AC power cord to the input socket on the side of the PSU.
- ▶ Turn on the PSU to check the LED indicators on the PSU are working properly.