

## Specification

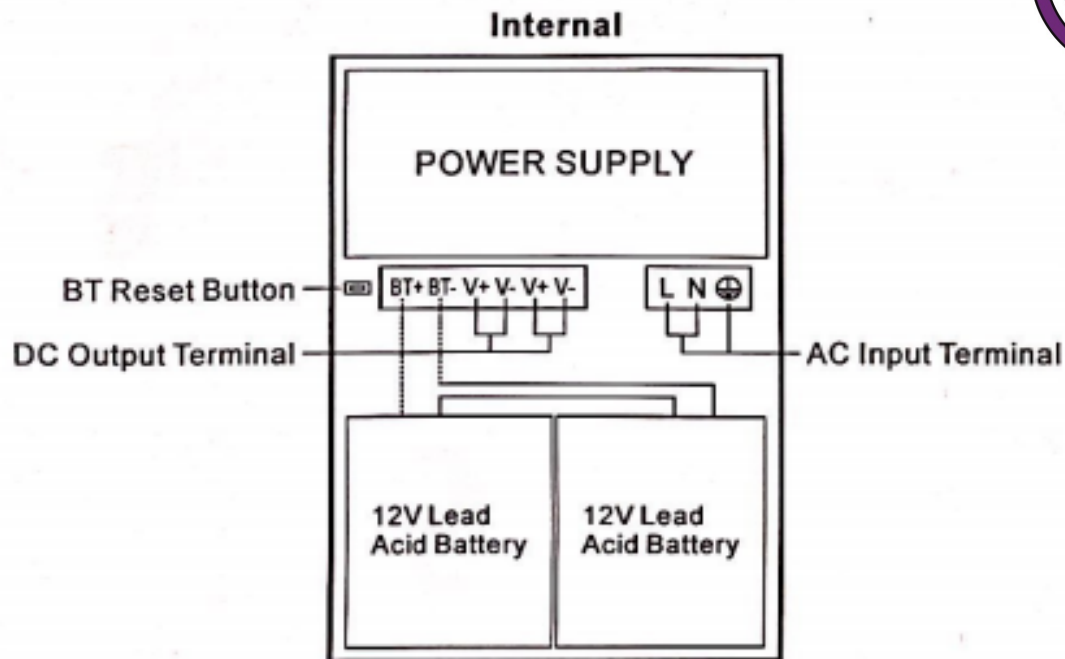
<b>INPUT</b>	Voltage	190 - 265VAC
	Frequency	50 or 60Hz
<b>OUTPUT</b>	Voltage (AC mode)	27.6V $\pm$ 2%
	Voltage (BT mode)	Same as battery voltage
	Rated Current	5A
	Rated Power	152W (with charging)
<b>BATTERY</b>	Battery Type	2 x 12V lead acid
	Charge Voltage	27.6V $\pm$ 2%
	Charge Current	500mA
<b>PROTECTION</b>	Input Fuse	3.15A / 250VAC
	Overload	6A $\pm$ 5%
	Over Voltage	30V $\pm$ 5%
	Deep Discharge	21V $\pm$ 2%
	Short Circuit	Hiccup mode
<b>TEMPERATURE</b>	Work: -20 ~ 50°C	Storage: -30 ~ 80°C
<b>HUMIDITY</b>	Work: 20 ~ 80%RH	Storage: 10 ~ 90%RH
<b>METAL BOX</b>	295 x 195 x 90mm	

## LED Indicator

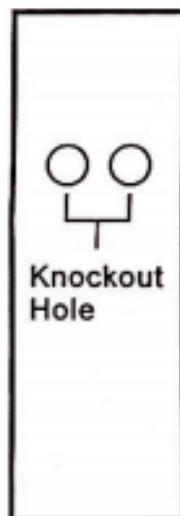
Status LED	On	Off	Flickering
RED	AC Input OK	AC Input Failure	——
GREEN	DC Output OK	DC Output Failure	——
YELLOW	Battery Fully Charged	——	Battery Charging
RED	AC Input Failure	——	——
RED	Battery Low Voltage	——	——

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

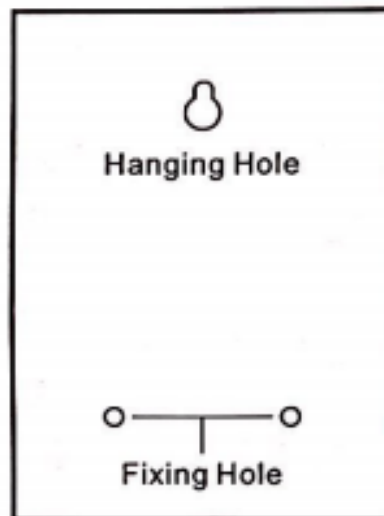
# Wiring Diagram



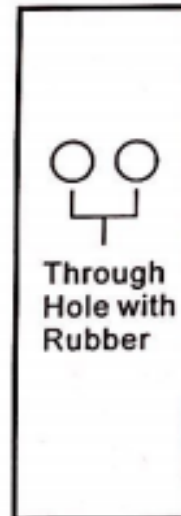
## Left Side



## Back Side



## Right Side



## Warning

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

## Installation Instructions

### **WARNING!!!**

**Please ensure the AC power is off before any operation.**

- ▶ Use hanging hole to hang PSU and apply M3 screws to fixing holes to mount the PSU.
- ▶ Connect the load device to 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 AC power to the input terminal in accordance with L, N, and Earth. Tighten the screws to ensure solid connection. The PSU must be proper grounded to avoid any hazards or faulty functions.
- ▶ Turn on the PSU to check the LED indicators to ensure the PSU is working properly.