

# SPECIFICATION FOR APPROVAL

## Introduction

Please make sure that the model you use is PS12DC4PBK , Conversion efficiency of this model is more than 85%, with output over-current protection, short circuit protection, Under voltage protection for battery, with constant output voltage and etc.

## Working Principle

Under AC 100-240V, power for the load and battery are provided by electric supply. Then led light being green. When power failure is provided by the battery voltage to the load, then led light being red, entered the stage of storage battery voltage monitoring at the same time. When detect the battery voltage drops to 10.5 V, the circuit will cut off the load, no longer to load the power supply in order to prevent the battery discharged, thus protecting the lifespan of the battery, the system will automatically reset when mains power returned to normal and ready to be prepared for the next time.

## Technical

Model	PS12DC4PBK
Input voltage	96-264Vac 47-63Hz
Input current	1.5A Max
Output voltage	11-15VDC
Output current	5A Max
No-load loss	0.5W Max
Charging current	0.6A Max

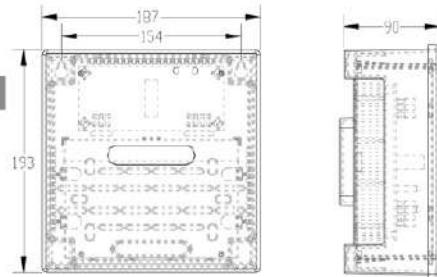
## Using environment

Operating temperature:-20~45°C      Storage temperature:-20~85°C  
 Operating humidity:20%~90%RH, No condensation      Storage humidity:10%~95%RH

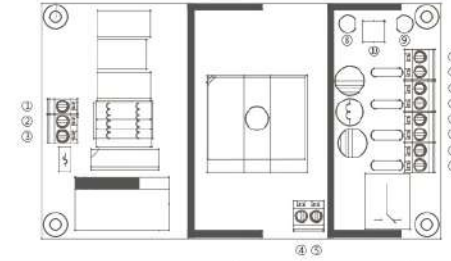
## Appearance Size

- 1、 Size: L187mm\*W193mm\*H90mm
- 2、 Input: Connector
- 3、 Output: Connector

## Size Picture



## Port Specification



NO.	NAME	SPECIFICATION	NO.	NAME	SPECIFICATION
①③	Input	L&N Input Connector	④⑤	Battery	④(-) ⑤(+)
②	Ground	For safety (⊕)	⑩	Pot	Adjust Output Voltage
⑥⑦	Output	⑥ Output(-) ⑦ Output(+)	⑧⑨	LED indicator	⑧ 110VAC ⑨ Battery

## Attention

1. Please make sure that input and output wire are correct connected in order to avoid damaging the device before using.
2. After connecting all the electricity equipment ,please make sure that output green LED indicator is on, If not, please check whether the wiring connecting is correct.
3. During using, if this model is not available for your equipment required power ,please let us know, we will provide the available model.
4. Please choose 12V7Ah battery.

## Product Picture

