

## Specification

### 1 INPUT

- 1.1 AC input voltage 100 to 240VAC
- 1.2 Input frequency 50/60Hz
- 1.3 Inrush current 10A /240VAC, at 25°C, Cold start
- 1.4 Input Current Max 0.3A
- 1.5 Efficiency 72%(min) at rating power, 115VAC 50Hz

### 2 OUTPUTS

2.1 RATED 12VDC@1.0A

2.2 ACTIVE STATE:

ACTIVE STATE	Model	Output current	Output voltage	Bicolor LED
1.Fast Charge	CC mode	1.0A max	<15V	Orange
2.Continue Charge	CC&CV mode	1.0A or below	14.7±0.3V	Orange
3.Stand-by charge	CV mode	<0.5A about	13.8±0.15V	Green
4.Open State		0A	14.0V Max	Green

### 3 CHARGE

- 3.1 The Battery range is between **0.8Ah to 10Ah**
- 3.2 Short Circuit Protection
- 3.3 Reverse current: less than 5mA at 12VDC

### 4 SAFETY AND EMI

- 4.1 Safety Agency Approvals UL

### 5 MECHANICAL REQUIREMENTS

- 5.1 Dimensions(L\*W\*H) 90\*59.5\*41mm
  - 5.2 Weight 0.2kg
  - 5.3 Input plug UL BLADE
  - 5.4Output cord SPT-1AWG18#\*2C(BLACK,RED) 105°C 300V 6 FEET
- NOTES:BLACK WIRE:GND,RED WIRE:+VDC

### 6 ENVIRONMENTAL REQUIREMENTS

- 6.1 Operating Temperature 5°C to +40°C
- 6.2 Storage Temperature -10°C to +70°C
- 6.3 Relative Humidity 8%(5°C) to 95%(55°C) non-connection

### 7 GENERAL FEATURES

- 7.1 Short circuit protection restart automatically
- 7.2 Hi-Pot Test Input to Output 1.8K VDC,1\_Min  
Input to Chassis 1.5K VDC,1\_Min

