

## Specification

Model No. : CH-UNLA1230  
Date : Jun,22th,2006

### 1 INPUT

1.1 AC input voltage 100-240VAC  
1.2 Input frequency 50-60Hz  
  
1.4 Input Current Max 1.5A  
1.5 Efficiency 72%(min) at rating power, 220VAC 50Hz

### 2 OUTPUTS

2.1 RATED [12VDC@3.0A](#)

2.2 ACTIVE STATE:

Active State	Model	Output current	Output voltage	Bicolor LED
1.Fast Charge	CC mode	3.0A	<15V	Orange
2.Continue Charge	CC&CV mode	3.0A or below	14.7±0.15V	Orange
3.Stand-by charge	CV mode	<1.5A about	13.8V max	Green
4.Open State	CV mode	0A	14V max	Green

### 3 CHARGE

3.1 Designed for rapidly charge of 12V, > 6Ah lead acid battery.  
3.2 Reverse Polarity Protection  
3.3 Short Circuit Protection

### 4 SAFETY AND EMI

4.1 Safety Agency Approvals  
4.2 Emissions Requirements FCC Class B

### 5 MECHANICAL REQUIREMENTS

5.1 Dimensions(L\*W\*H) 118mm(4.6") x 64mm(2.5") x 40mm(1.6")  
5.2 Weight 320grams ( 11.2 Oz)

### 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-condensing

### 7 GENERAL FEATURES

7.1 Hold up time 20mS  
7.2 Short circuit protection restart automatically  
7.3 Hi-Pot Test Input to Output 3K VDC,1\_Min  
Input to Chassis 3K VDC,1\_Min