



FU-CP1000-6-12V • Lead acid battery charger

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1. Scope

This product for the Switching Power Charger , the product operational factors is the constant current model.

2. INPUT characteristics

Input voltage	100-240V AC
Input frequency	50/60Hz
Input current	0.5Amps max at any input voltage and rated, DC output rated load
AC leakage current	0.25mA Max. at 264VAC input

3. OUTPUT characteristics

3.1 Range for output voltage & current

Constant current			
Output	Minimum	Normal	Maximum
Vout@0mA	7.3Vdc	7.5Vdc	7.7Vdc
Constant Current Range for lout	920mA	1000mA	1080mA

3.2 LED indicate

NO.	Item	Requirement	LED indicate	
			Red	Green
1	Battery pack absent	No Battery Pack on the charger	OFF	ON
2	Battery pack charging	920-1080mA	ON	OFF
3	BAT.Fulled charged	The Battery Voltang Reached To $7.5\pm 0.2V$ and the charging current less than about $150\pm 100mA$	OFF	ON

3.3 Turn on delay time

3Second Max.at 115Vac input and output Max.load.

3.4 Rise time

40 MS Max.at 115Vac input and output Max.load.

3.5 Hold up time

5 MS Min.at 115Vac input and output Max.Load.

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4. Protection function

4.1 Short circuit protection

The power supply will be auto recovered when short circuit faults remove.

4.2 Over current Protection

The power supply will be auto recovered when over current faults remove.

5. Environmental requirement

5.1 Operating Temperature

-20°C to 50°C, Full load, Normal operation.

5.2 Storage Temperature

-40°C to 80°C

5.3 Relative Humidity

5%(0°C)~90%(40°C)RH, 72Hrs, Full load, Normal operating

6. Safety and EMI requirement

6.1 The power supply is designed for indoor use to meet the following safety regulations

	Item	Country	Standard
<input type="checkbox"/>	CCC	China	CCC
<input checked="" type="checkbox"/>	CE	Europe	EN60335-2-29
<input type="checkbox"/>	PSE	Japan	PSE
<input type="checkbox"/>	BS	England	EN60950
<input type="checkbox"/>	C-Tick	Australia	AS/NZS60950
<input type="checkbox"/>	KC	South Korea	KC

6.2 Dielectric strength Hi-Pot

Primary to secondary, 3000Vac/5mA/60s.

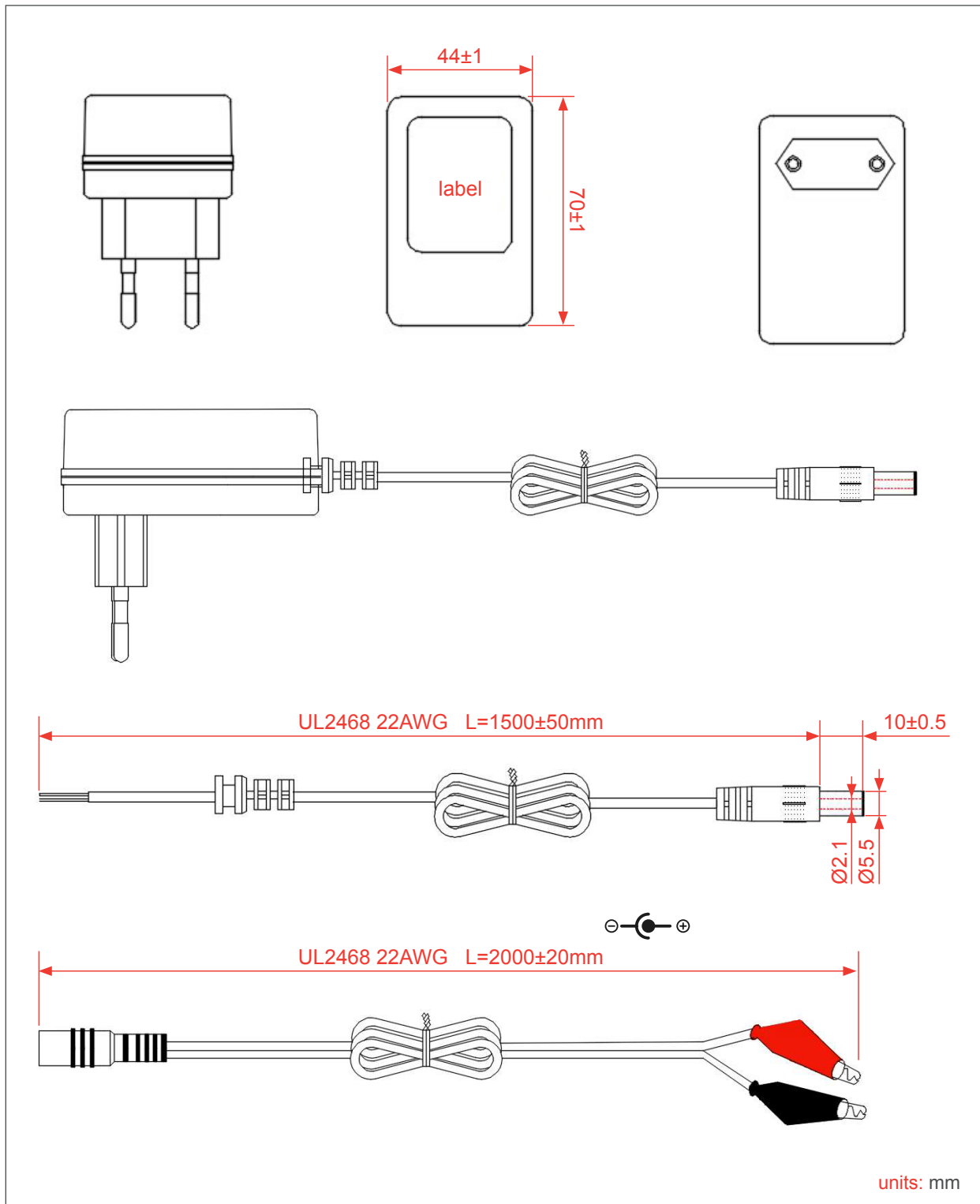
Primary to Case, 3000Vac/5mA/60s.

6.3 EMI standard

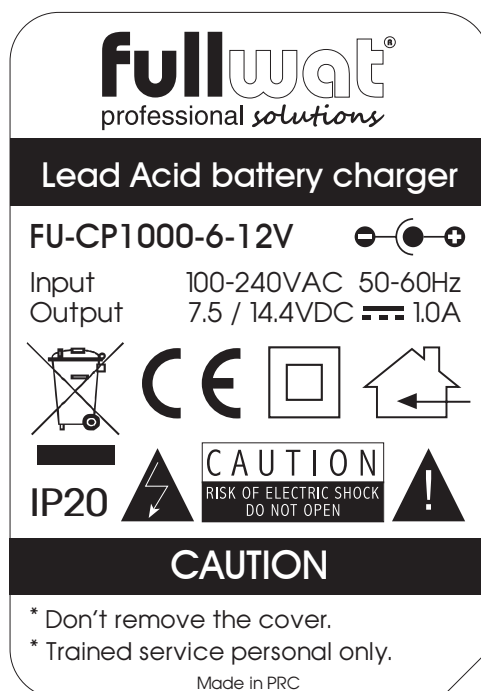
Meets the Limits of

<1>.EN55014 class B rules

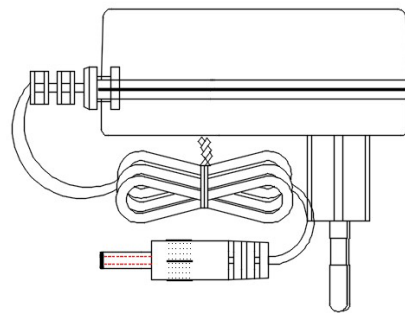
Outline dimension



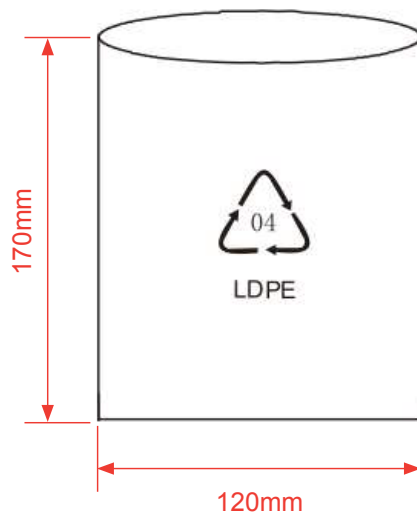
Label



Packing step

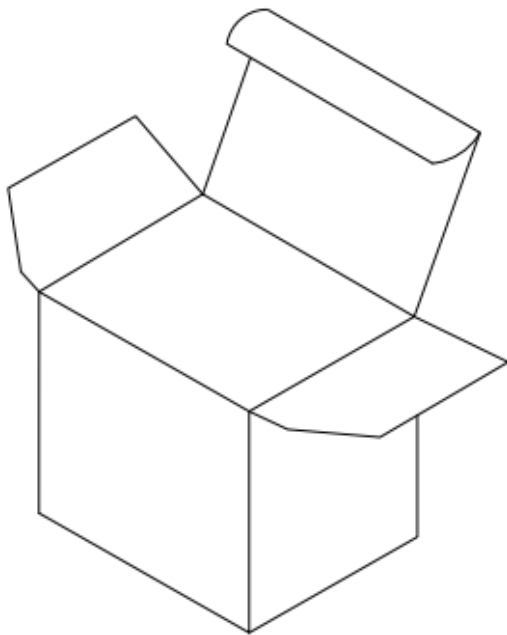
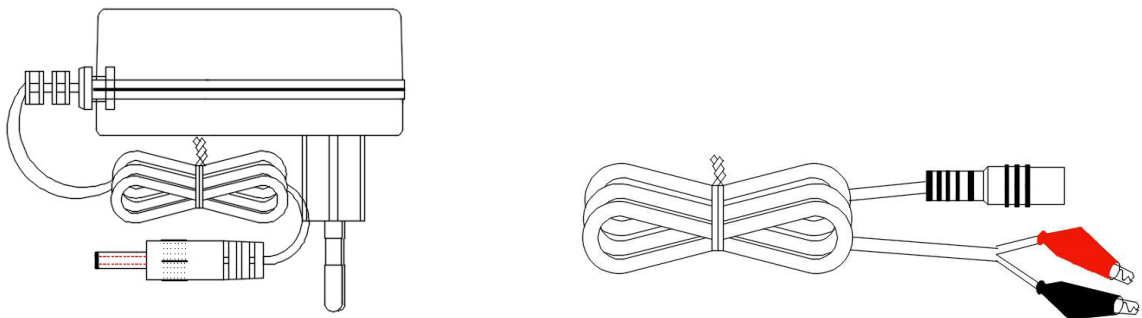


A. Product



B. PE Bag

Packing step



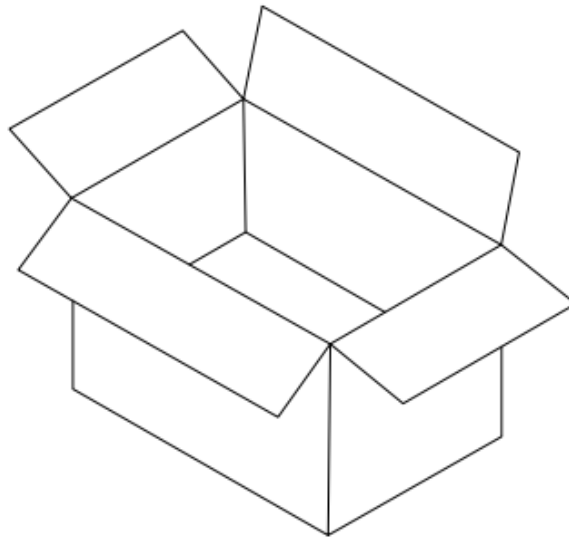
White box

Length: 95mm

Width: 53mm

Height: 78mm

Packing step



Packing request

Packaging

Outsidebox: 500L*290W*337H

Quantity: 100PCS/CTN

Remarks

1. Firstly, put the product into PE bag according to the picture "A/B".
2. After finishing the first step, then put the product into white box according to the picture "C".
3. Then put the product into outer carton.
4. When packing finished, then seals the carton and labels the mark.
5. Through the QA inspection, the products can be shipped.