

承认书

SPECIFICATION FOR APPROVAL

Charger

CUSTOMER: _____

DESCRIPTION: Input: 100-240V AC 50/60Hz

Output: 28.8VDC 10.0A _____

OUR MODEL NO: MT-280-24C _____

SAMPLE COLOR: Black (☒) White (☐)

SAMPLE DATE: 2025-08-14 _____

SALES: XieHuiMin

APPROVED BY: LiJin

DESIGNED BY: YangHao

Rev:A0	Date:2025-08-14	Description:新版本/NewRev	Design: Wang
Rev:	Date:	Description:	Design:
Rev:	Date:	Description:	Design:
Rev:	Date:	Description:	Design:

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1、SCOPE:

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

2、INPUT CHARACTERISTICS:

2.1 Input Voltage:

Rated Voltage:100-240Vac

2.2 Input Frequency:

Rated Frequency: 50/60Hz.

2.3 Input Current:

3.5 Amps max At any input voltage and rated, DC output rated load.

2.4 Ac Leakage Current:

0.5mA peak At264Vac input

3、OUTPUT CHARACTERISTICS:

3.1 RANGE FOR OUTPUT VOLTAGE & CURRENT

Constant current

Output	Minimun	Normal	Maximun
Vout@0mA	28.1V	28.8Vdc	29.6V
Constant CurrentRange for lout	9A	10.0A	11A

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	9-11A	ON	OFF
3	BAT.Fulled charged	The Battery Voltang Reached To 27.36-30.24V and the charging current less than about 1000±500mA	OFF	ON

3.3 Turn on delay time:

3Second Max.at 100Vac input and output Max load.

3.4 Rise time:

40 ms Max.at 100Vac input and output Max load..

3.5 Hold up time:

5 ms Min.at 100Vac input and output Max.Load.

4、 PROTECTION FUNCTION:

4.1 Short circuit protection:

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

4.2 Reverse Battery Protection:

Recovers automatically after fault condition is removed

5、 ENVIRONMENTAL REQUIREMET:

5.1 Operating Temperature:

-20°C to 40°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
☐	CCC	China	GB4943
☐	UL	USA	UL 62368-1
☒	CE/GS	EUROPE	EN62368-1
☐	UKCA	EUROPE	BS62368-1
☐	BS	ENGLAND	EN60950
☐	C-Tick	AUSTRALIA	AS/NZS60950
☐	KC	SOUTH KOREA	KC

6.2 DIELECTRIC STRENGTH Hi-Pot:

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

Primary to Case,1500Vac/5mA/60s.

6.3 EMI STANDARD

Meets the Limits of

EN IEC 55014-1:2021.

EN IEC 55014-2:2021.

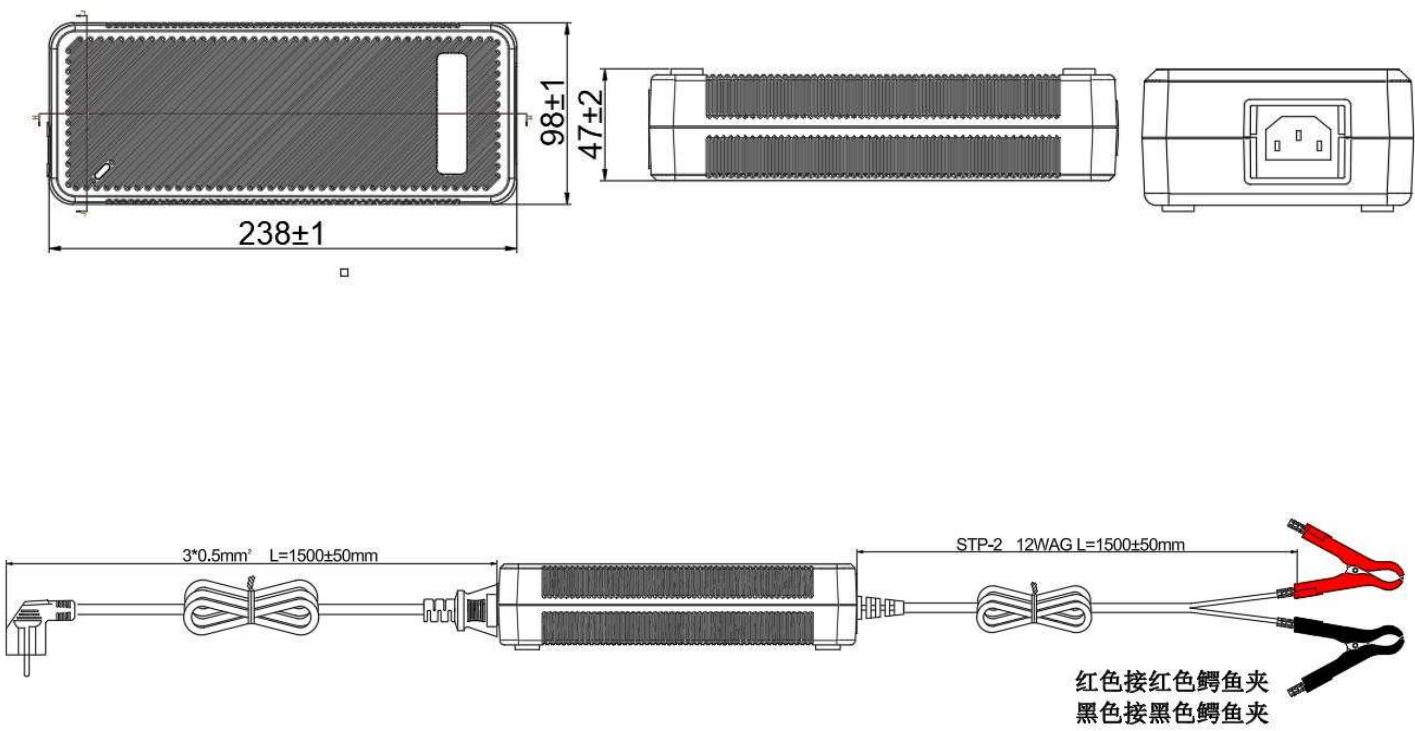
EN IEC 61000-3-2:2019+A1:2021.

EN 61000-3-3:2013+A1:2019+A2:2021.

EN 60335-1:2012+A11+A13+A1+A14+A2+A15

EN 60335-2-29:2021+A1

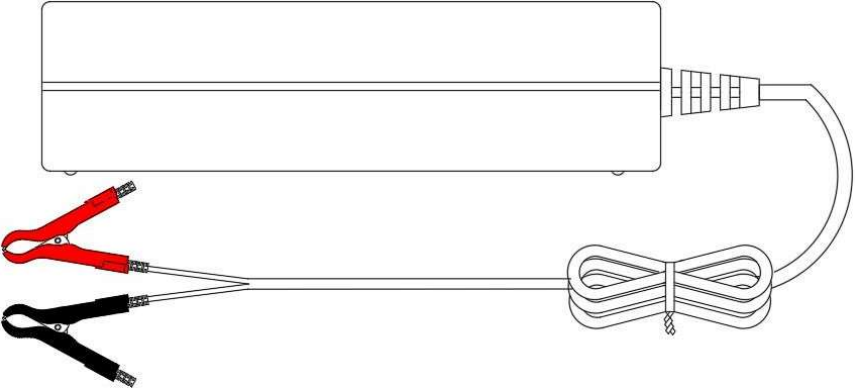
7、OUTLINE DIMENSION:



8、 LABEL:



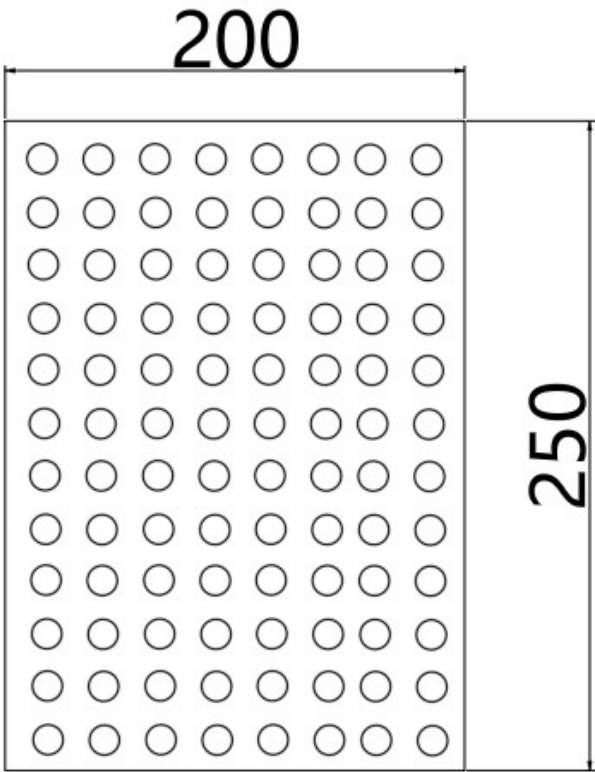
9、PACKING STEP:



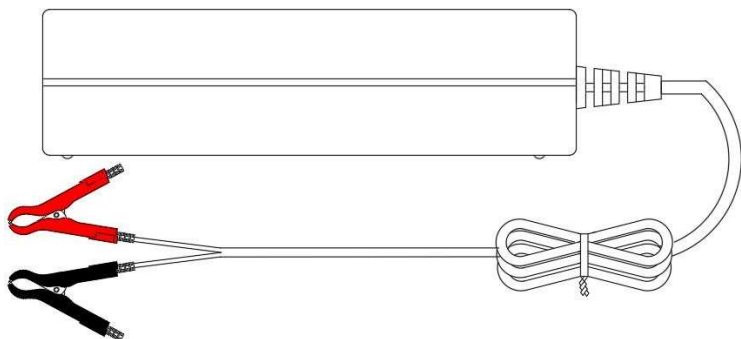
A :Product



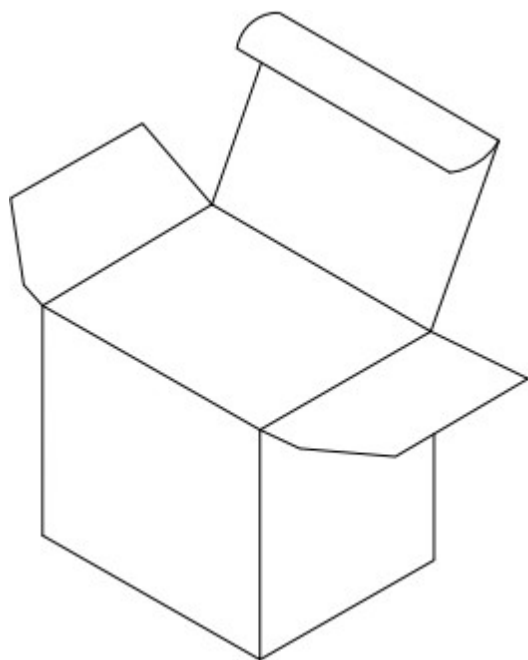
装气泡袋



B:PE Bag



A :Product

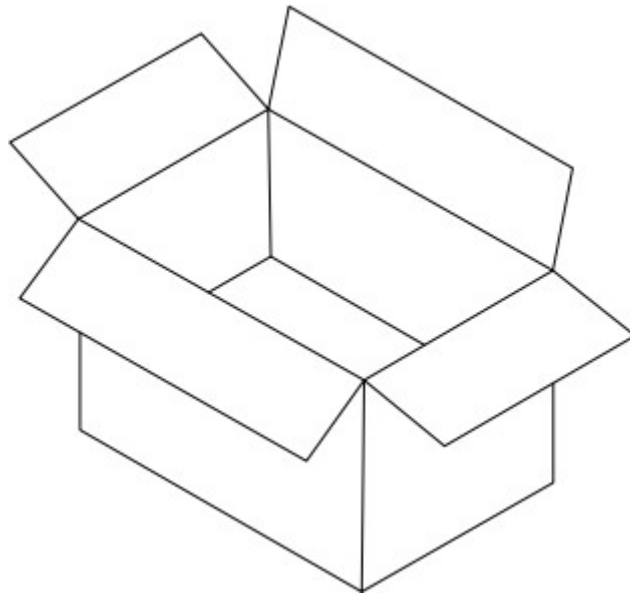


彩色瓦楞盒/ Colored corrugated box:

长/ Length:270mm

宽/ Width:180mm

高/ Height:50mm



Packing request:

Packaging

Outside box:380L*290W*220H

Quantity:8PCS/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