



- ◆ Insulated Intensity: Input to crust and ground ≥AC1500V; Output to crust ≥ DC500V
- ◆ MTBF: ≥50000h.

4. Installing Notice

- ◆ Check before power on: The charger that deposited and transported must be checked before power on. And also check whether the screw was loose, the appearance was broken or not, and the connection pole was shake down or affected with damp etc.. These phenomenon must be dealt with timely if appeared.
- ◆ Connecting: Connect the charger and accumulator as per the remark of front panel.(Section acreage > 3 mm²)
- ◆ Please make sure the connecting was deep-set and correct before power on. Connect with AC220V power supply.

1. Description

CM20 is a mini type accumulator charger device which design for the control panel, providing with intelligent charge, auto protection, and over current prevention functions. It can auto work without any maintenance.

2. Characters

Utilizes import IC, metal crust, sprinkled plastic appearance, reliable parts, exquisite and smart structure.

- ◆ Output DC voltage can select 12V or 24V, factory default is 24V, only needs short the port 3 and port 4, then establishment is 12V.
- ◆ Intelligent charge curve. It can automatically transform to tiny current when charge finished. This extends the battery life-span effectively.
- ◆ Working states indication. The output voltage can be adjusted.
- ◆ Auto protection on fault condition.
- ◆ Provided over current protection, short connect protection functions and power surge protection function.

3. Specifications

- ◆ Working temperature: (-20~50)°C
- ◆ Stockpile temperature: (-40~70)°C
- ◆ Relative humidity: 90%(40±2°C)
- ◆ Atmospheric pressure: (70~106)kPa
- ◆ Size: (L*H*W)170x73x118mm
- ◆ Mounting Size: (LxW)120x122mm, Mounting hole:Ø4x4
- ◆ Weight: 1.1 Kg
- ◆ Ac input Voltage: (160~265)V;
- ◆ Frequency: 50Hz/60Hz
- ◆ Out current: 8A(at 27V output); 10A(at 13.5V output)
- ◆ Efficiency: ≥88%

Remarks

Port No.	ENG.	Remarks
1	DC+	Connect with battery
2	DC-	
3-4	NUL	Opening is output 24V, if short connect them output is 12V.
5	AC INPUT	Power input L
6	AC INPUT	Power input N
7	PE	Protect ground wire

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