

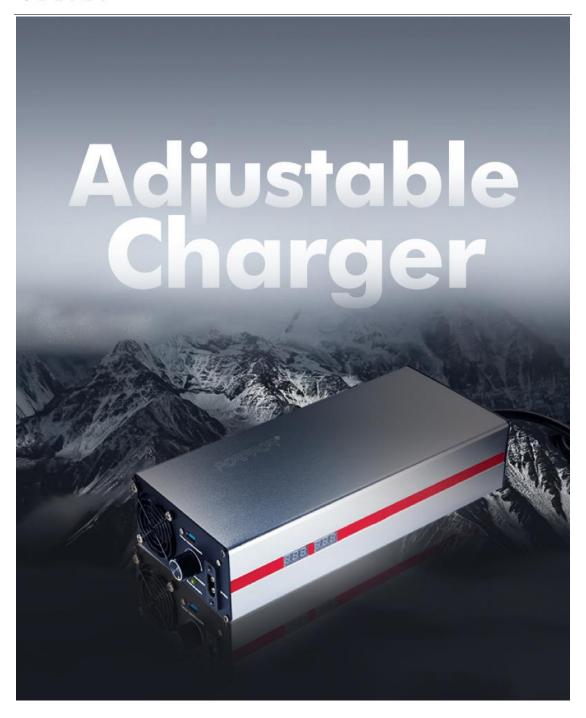
Mmodel: V:12V-84V A:1-25A

Mmodel: V:12V-88.2V A:1-23A

# Voltage and current can be adjusted charger

Remark: The voltage can be adjusted to exceed 84V / 88.2V, but it is forbidden to use more than the purchased voltage. Because it can damage the charger, but it is forbidden to use more than the purchased voltage. Because it can damage the charger

## PORFEOR



Website : www.porffor.com



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#### **Product introduction**

- The products with enough current. For different battery capacity, adjusting the
  corresponding current to charge can protect the battery more effectively. Say goodbye
  to old fashioned only one current. For example: 120-200ah with 20A current charge,
  100-150ah with 15A current charge, 50-90ah with 10A current charge, 12Ah-40ah with
  5A current charge. Small batteries can also be charged with high current. You're in
  control
- 2. High power charge, speed up more than 3 times. Multiple protection, stable performance, safe to use.
- 3. Full automatic stop, to prevent overcharge
- 4. Zero voltage also can charge, 3 seconds to unlock automatic protection
- 5. 12 protection, no battery damage(Speed quick charge\Overcharge protect...)
- 6. Only just with 46 decibels, ultra low noise. Better heat dissipation
- 7. Display some details:
  - Pure cooper transformer: reinforced high-frequency pure copper transformer. So far, not a single transformer has been damaged, and this is of high quality
  - Temperature control protection : built-in temperature control switch, when the temperature is too high, the charger automatically shut down, protect the charger from damage
  - Reverse short circuit protection : internal configuration of reverse short circuit protection, the polarity of the power supply will be sutomatically protected, don't burn machine
  - Imported new capacitors: 2 imported new capacitors, more than ordinary chargers, just because we do high quality
- 8. Regular 3C wire, good conductivity. Fast charing, wear resistance and water resistance, long life

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#### Noted:

Have Overcharge protection

Have Overcurrent protection

Have Overvoltage protection

Have Full automatically stop charging

Does not have reverse protection function

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### • Environmental condition

No.	Item	Technical specification	Remark
1	Humidity	5~95%	With package
2	Altitude	≤2000m	Work normally

## Input characteristic

No.	Item	Technical specification	Remark
1	Rated input voltage	□110Vac <b>☑</b> 220Vac	
2	Input voltage range	☑210-250Vac	
3	AC input voltage frequency	50~60 Hz	

### Protection characteristics

No.	Item	Technical specification	Remark
1	Over voltage protection	The charger output voltage does not exceed set the maximum charging voltage of the battery.	
2	Thermal protection	Support	
3	Overurrent protection	The charger output current does not exceed a set battery charge current.	At CC mode
4	Short circuit protection	Short circuit protection should be automatically recovery after remove the condition.	
5	Reverse polarity protection	When output wires are reversely connected to the battery the charger will not operate and will work normally when DC wires are correctly connected.	

# • Charge indicator

No.	Item	Status	Remark
1	Power on	Green-power indicator	
2	Charging	Red-Power light	
3	Fully charged	Green-power indicator	

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4	Charging Voltage Display	Yes	
5	Charging Current Display	Yes	

#### Safety & EMC

No.	Item	Standard (or test condition)	Remark
1	Electric strength	Input-output	1500Vac/1min≤10mA
	test		(No break down)
2	Isolation resistance	Input-ground	≥10Mohm@500Vdc
		Output-ground	≥10Mohm@500Vdc
3	Leakage current	<3.5mA	
	EMC	EN55022:1998+A1:2000+A2:	
		2003	
		EN55024:1998+A1:2001+A2:	
		2003 (EN61000-4-	
5		2:1995+A1:1998+A2:2001)	
		EN61000-4-3:2002	
		EN6100-4-	
		4:1995+A1:2000+A2:2001 E	
		N61000-4-5:1995+A1:2000	
		EN61000-4-6:2001	
		EN61000-4-11:2001)	
6	LVD	EN60335-1:2002+EN60335-	
		2-29:2002	

Remark: Discrimination A- Function OK under technical requirement range;

Discrimination R- Physical damage or failure of equipment are not allowed, but damage of protection device (fuse) caused by interference signal of outside is allowed, and the whole equipment can work normally after replacement of protection device and reset of running paramet