

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

Adjustable Charger





Voltage & current display

Voltage regulation

Current regulation

Power indicator

Output Socket

The socket on the charger is the XT90 Male, Need use the XT90 female connected to it

Product introduction

1. 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

SPECIFICATION



Brand	PORFFOR
Product name	Battery charger
Input voltage	190V-240V
Shell material	Aluminum alloy shell
Weight	2.4KG
Operating frequency	50Hz-60Hz
Peak power	2000W (different voltage' s power also different)
Output voltage	12V-84V / 12V-88.2V (Support adjust)
Output current	1A-25A / 1-23A (Support adjust)
Applicable battery capacity	20ah-250ah
Applicable battery voltage	12V24V36V48V60V72V(can set the voltage)
Case size	295*133*75MM
Input line length	1.4 m
Output line length	1 m

Noted :

Have Overcharge protection

Have Overcurrent protection

Have Overvoltage protection

Have Full automatically stop charging

Does not have reverse protection function

● 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	<input type="checkbox"/> 110Vac <input checked="" type="checkbox"/> 220Vac	
2	Input voltage range	<input checked="" type="checkbox"/> 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	Overcurrent 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	

4	Charging Voltage Display	Yes	
5	Charging Current Display	Yes	

● Safety & EMC

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