

Lead-acid Charger for 36V Pb-Acid/AGM/GEL/VRLA/WET battery

- **Specification**
- Input: 100~240V
- Output: 41.4V 11.0A
- Charge Process: CC、 CV(H)、 CV(L)(Three stages)
- Charger Indicator: Bi-color LED (Red: Charging; Green: Full charge)
- Output Protections: OVP、 OCP、 OTP、 Shorted、 Reversed
- Safety Approval: CE PSE
- Size: 250 x 125 x 72mm (1.2kg)
- Industry: Security system、 Lighting Industry



POWERCELL (41.4V 11.0A) Pb-Acid Battery Charger

Item	Specification	Remark
1.Input		
Rating input voltage	100~240Vac 50/60Hz	
Input voltage range	90~264Vac	
Rating input current	5.5Arms	Input:100V Output:Full load
Max input power	550W	Input:100V Output:Full load 2.Output
No load output voltage	DC2.2V	
Output voltage range	DC30.0~44.1V	
Suit with battery type	36V Pb-Acid battery	
Charging current	11.0A ±10%	
Charging voltage CV (H)	DC44.1V ±1%	
Floating	DC41.4V ±1%	

charge voltage CV (L)		
Charge-end current	≤0.4-1.0A	
Timer	After 1cell>42V,it will be timed for 5H	
Max output power	485.1W	
Ripple voltage	≤441mV	Full load
Charging LED	Red:Charging	
	Green:Full charge or idle	
Shorted	Yes	
Reversed	Yes	
Efficiency	≥88%	Full load @220V
3.Environment		
Operate temperature	-10 ~ +40°C	
Operate humidity	< +90%	Relative humidity
Storage temperature	-40 ~ +70°C	
Storage humidity	0 ~ +95%	Relative humidity
Cooling	Natural	
Vibration resistance	5MM/50HZ/600S	Non-operating condition
Impact resistance	1 meter drop test 3 times	Non-operating condition

4.Mechanical		
Weight	1.2Kg	
Size	223X125X71MM	Casing only
Connector	Refer to order	
5.Safety		
Max. temperature rise	< 40°C on casing	
Safety approval	CE/PSE	
MTBF	30000H	
ESD	8.0KV	
Hi-Pot Insulation	i/p to o/p: 3000V (1 min)	

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