

POWERCELL Lead-acid Charger for 48V Pb-Acid/AGM/GEL/VRLA/WET battery

- **Specification**
- Input: 100~240V
- Output: 59.2V 2.8A
- 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 FCC CCC cTUVus CB BS
- Size: 175 x 72 x 40mm/680g
- Industry: Security System、 Lighting Industry



POWERCELL (59.2V 2.8A) Pb-Acid Battery Charger		
Item	Specification	Remark
1.Input		
Rating input voltage	100~240Vac 50/60Hz	
Input voltage range	90~264Vac	
Rating input current	1.9Arms	Input:100V Output:Full load
Max input power	183W	Input:100V Output:Full load
2.Output		
No load output voltage	DC59.2V ±1%	
Output voltage range	DC40.0~59.2V	
Suit with battery	48V Pb-Acid battery	

type		
Charging current	2.8A ±5%	
Charging voltage	DC59.2V ±1%	
Floating charge voltage	DC55.2V ±1%	
Charge-end current	≤0.56A±10%	
Timer	-	
Max output power	165.76W	
Ripple voltage	≤700mV	Full load
Charging LED	Red LED flashing	2Hz Error
	Green LED flashing	0.45Hz No battery; 0.83Hz <25% Capacity; 1.25Hz ≥25% Capacity; 2.5Hz ≥75% Capacity; 1.66Hz ≥50%
	Green LED on	Full
Shorted	Yes	
Reversed	Yes	
Efficiency	≥94%	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
抗冲击 Impact resistance	1 meter drop test 3 times	Non-operating condition
4.Mechanical		
Weight	680g	
Size	171X71X40MM	Casing only
Connector	Refer to order	
5.Safety		
Max. temperature rise	< 40°C on casing	
Safety approval	CE/GS/PSE/SAA/FCC/ CCC/ETL/CB	

MTBF	30000H	
ESD	8.0KV	
Hi-Pot Insulation	i/p to o/p: 3000V (1 min)	