

Powercell 360370 (44.4V 3.7A) 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	DC44.4V \pm 1%	
Output voltage range	DC30.0~44.4V	
Suit with battery type	36V Pb-Acid battery	
Charging current	3.7A \pm 7%	
Charging voltage	DC44.4V \pm 1%	
Floating charge voltage	DC41.4V \pm 1%	
Charge-end current	\leq 0.74A \pm 10%	
Timer	-	
Max output power	164.28W	

Ripple voltage	≤550mV	Full load
Charging LED	Red LED flashing	2Hz Error
	Green LED flashing	0.45Hz No battery; 0.83Hz <25% Capacity; 1.25Hz ≥25% Capacity; 1.66Hz ≥50% Capacity; 2.5Hz ≥75% Capacity;
	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
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)	