

POWERCELL PB 60081T (73.5V 8.1A) Pb-Acid Battery Charger

Item	Specification	Remark
1.Input		
Rating input voltage	100~240Vac 50/60Hz	
Input voltage range	90~264Vac	
Rating input current	6.7Arms	Input:100V Output:Full load
PF value	≥0.98	
Standby input power	<2.5W	
Max input power	633W	Input:100V Output:Full load
2.Output		
No load output voltage	<10V	
Output voltage range	DC50.0~73.5V	
Suit with battery type	60V Pb-Acid battery	
Charging current	8.1A ±10%	
Charging voltage CV (H)	DC73.5V ±1%	
Floating charge voltage CV(L)	DC69.0V ±1%	
Charge-end current	≤1.6A±20%	
Timer	-	
Max output power	595.35W	
Ripple voltage	≤735mV	Full load
LCD	Display, voltage,current,capacity	

Communication function	USB/CAN	The battery type (lead acid, lithium battery, LiFePO4 battery), charging voltage and charging current can be set
Shorted	Yes	
Reversed	Yes	
Efficiency	≥92%	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	Fan	
Vibration resistance	5MM/50HZ/600S	Non-operating condition
Impact resistance	-	Non-operating condition
4.Mechanical		
Weight	1.0Kg	
Size	240X117X66MM	Casing only
Connector	Refer to order	
5.Safety		
Max. temperature rise	< 40°C on casing	
Safety approval	EN60950(LVD) ,EN55032(EMC)	
MTBF	30000H	
ESD	8.0KV	
Hi-Pot Insulation	i/p to o/p: 3000V (1 min)	