

POWERCELL PB48050T, 30048(59.2V 5.0A)Pb-Acid Battery Charger

Item	Specification	Remark
1.Input		
Rating input voltage	100~240Vac 50/60Hz	
Input voltage range	90~264Vac	
Rating input current	4.5Arms	Input:100V Output:Full load
Max input power	320W	Input:100V Output:Full load
2.Output		
No load output voltage	DC59.2V $\pm 1\%$	
Output voltage range	DC40.0~59.2V	
Suit with battery type	48V Pb-Acid battery	
Charging current	5.0A $\pm 7\%$	
Charging voltage CV (H)	DC59.2V $\pm 1\%$	
Floating charge voltage CV (L)	DC55.2V $\pm 1\%$	
Charge-end current	$\leq 1.0A \pm 20\%$	
Timer	-	
Max output power	296W	
Ripple voltage	$\leq 710mV$	Full load
Charging LED	Red LED flashing	2Hz Error
	Green LED flashing	0.45Hz No battery; 0.83Hz $< 25\%$ Capacity; 1.25Hz $\geq 25\%$ Capacity 1.66Hz $\geq 50\%$ Capacity; 2.5Hz $\geq 75\%$ Capacity
	Green LED on	Full
Shorted	Yes	
Reversed	Yes	
Efficiency	$\geq 95\%$	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	1.3Kg	
Size	220X105X44MM	Casing only
Connector	Refer to order	
5.Safety		
Max. temperature rise	< 40°C on casing	
Safety approval	CB/CE/FCC	
MTBF	30000H	
ESD	8.0KV	
Hi-Pot Insulation	i/p to o/p: 3000V (1 min)	