

50281 POWERCELL Li 168028 (16.8V 2.8A) 4S Li-ion Battery Charger

Item	Specification	Remark
1.Input		
Rating input voltage	100~240Vac 50/60Hz	
Input voltage range	90~264Vac	
Rating input current	1.0Arms	Input:100V Output:Full load
Max input power	60W	Input:100V Output:Full load
2.Output		
No load output voltage	DC16.8V	
Output voltage range	DC10.0~16.8V	
Suit with battery type	4S Li-ion battery	
Charging current	2.8A ±10%	
Charging voltage	DC16.8V ±0.2V	
Pre-charge	0.8A±0.1A	Voltage ≤12.0V Pre-charge
Charge-end current	≤0.3A±10%	
Timer	-	
Max output power	47.04W	
Ripple voltage	≤168mV	Full load
Power LED	Red	Power on
Charging LED	All off	No battery
	All on	Finished
	All flashing	Error
	Flashing one by one	Charging
Shorted	Yes	

Reversed	Yes	
Efficiency	≥85%	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	270g	
Size	120X67X41MM	Casing only
Connector	Refer to order	
5.Safety		
Max. temperature rise	< 40°C on casing	
Safety approval	CE/cTUVus/PSE/CCC	
MTBF	30000H	
ESD	8.0KV	
Hi-Pot Insulation	i/p to o/p: 3000V (1 min)	

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