

POWERCELL LF109030 (12.6V 3.3A) 3S 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	55W	Input:100V Output:Full load
2. Output		
No load output voltage	DC12.6V	
Output voltage range	DC7.5~12.6V	
Suit with battery type	3S Li-ion battery	
Charging current	3.3A ±10%	
Charging voltage	DC12.6V ±0.15V	
Pre-charge	0.8A±0.1A	≤9.0V
Charge-end current	≤0.3A±10%	
Timer	-	
Max output power	41.58W	
Ripple voltage	≤126mV	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	≥81%	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	CCC cTUVus FCC KC	
MTBF	30000H	
ESD	8.0KV	
Hi-Pot Insulation	i/p to o/p: 3000V (1 min)	