

**50287 POWERCELL Li 294057 (29.4V 5.7A) 7S Li-ion Battery Charger**

Item	Specification	Remark
<b>1.Input</b>		
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
<b>2.Output</b>		
No load output voltage	DC29.4V $\pm$ 1%	
Output voltage range	DC17.5~29.4V	
Suit with battery type	7S Li-ion battery	
Charging current	5.7A $\pm$ 7%	
Charging voltage	DC29.4V $\pm$ 1%	
Pre-charge	1.14A $\pm$ 7%	voltage $\leq$ 21.0V Pre-charge
Charge-end current	$\leq$ 0.57A $\pm$ 10%	
Timer	-	
Max output power	167.58W	
Ripple voltage	$\leq$ 350mV	Full load
Charging LED	Red LED flashing	2Hz Error

	Green LED flashing	0.45Hz No battery; 0.83Hz <25% Capacity; 1.25Hz ≥25% Capacity; 2.5Hz ≥75% Capacity;	1.66Hz ≥50% Capacity;
	Green LED on	Full	
Shorted	Yes		
Reversed	Yes		
Efficiency	≥94%	Full load @220V	
<b>3.Environment</b>			
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	
<b>4.Mechanical</b>			
Weight	680g		
Size	171X71X40MM	Casing only	
Connector	Refer to order		
<b>5.Safety</b>			
Max. temperature	< 40°C on casing		

rise		
安全认证 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)	

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