



### G168-210070 (21.0V 7.0A) 5S Li-ion Battery Charger

项目 Item	规格 Specification	备注 Remark
<b>1.输入特性 Input</b>		
额定输入电压 Rating input voltage	100~240Vac 50/60Hz	
输入电压范围 Input voltage range	90~264Vac	
额定输入电流 Rating input current	2.2Arms	Input:100V Output:Full load
功率因素 Power factor	PF>0.98	Input:115VAC Output:Full load
	PF>0.94	Input:230VAC Output:Full load
待机功耗 Standby power	1W	Input:115VAC&230VAC
最大输入功率 Max input power	183W	Input:100V Output:Full load
<b>2.输出特性 Output</b>		
空载输出电压 No load output voltage	DC21.0V ±1%	
输出电压范围 Output voltage range	DC12.5~21.0V	
适用电池 Suit with battery type	5S Li-ion battery	
恒定电流 Charging current	7.0A ±7%	
恒定电压 Charging voltage	DC21.0V ±1%	
预充电流 Pre-charge	1.56A ±7%	电压≤48.0V预充
充电结束电流 Charge-end current	≤0.70A±10%	
定时器 Timer	-	
最大输出功率 Max output power	163.8W	
纹波电压 Ripple voltage	≤250mV	满载 Full load
	红灯闪Red LED flashing	2Hz Error
	绿灯闪Green LED flashing	0.45Hz 空载No battery; 0.83Hz <25% Capacity; 1.25Hz ≥25% Capacity; 1.66Hz ≥50% Capacity; 2.5Hz ≥75% Capacity;
充电指示灯 Charging LED	绿灯常亮 Green LED on	充满Full
输出短路保护 Shorted	有Yes	
输出反接保护 Reversed	有Yes	
效率 Efficiency	≥94%	满载 Full load @220V
<b>3.环境要求 Environment</b>		
工作温度 Operate temperature	-10 ~ +40℃	
工作湿度 Operate humidity	< +90%	相对湿度 Relative humidity
存储温度 Storage temperature	-40 ~ +70℃	
存储湿度 Storage humidity	0 ~ +95%	相对湿度 Relative humidity
冷却方式 Cooling	自然冷却 Natural	
抗振动 Vibration resistance	5MM/50HZ/600S	非运行状况 Non-operating condition
抗冲击 Impact resistance	1 meter drop test 3 times	非运行状况 Non-operating condition
<b>4.结构 Mechanical</b>		
重量 Weight	680g	
尺寸 Size	175X72X40MM	外壳尺寸Casing only
接线端子 Connector	按客户要求制定 Refer to order	
<b>5.安全特性 Safety</b>		
最大温升 Max. temperature rise	< 40℃ on casing	
安全认证 Safety approval	CE/SAA/FCC/CCC/cTUVus/CB/BS	
平均无故障时间 MTBF	30000H	
静电等级 ESD	8.0KV	
隔离耐电压 Hi-Pot Insulation	i/p to o/p: 3000V (1 min)	

