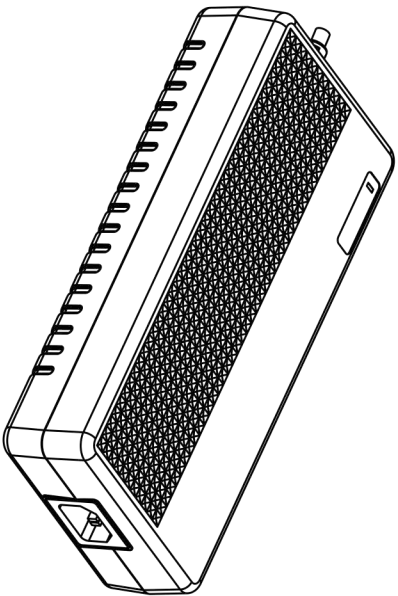
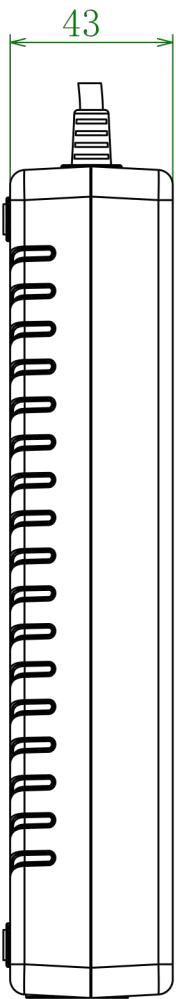
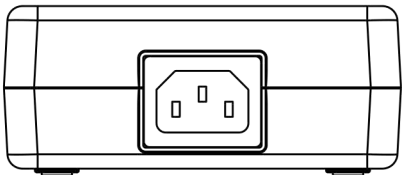
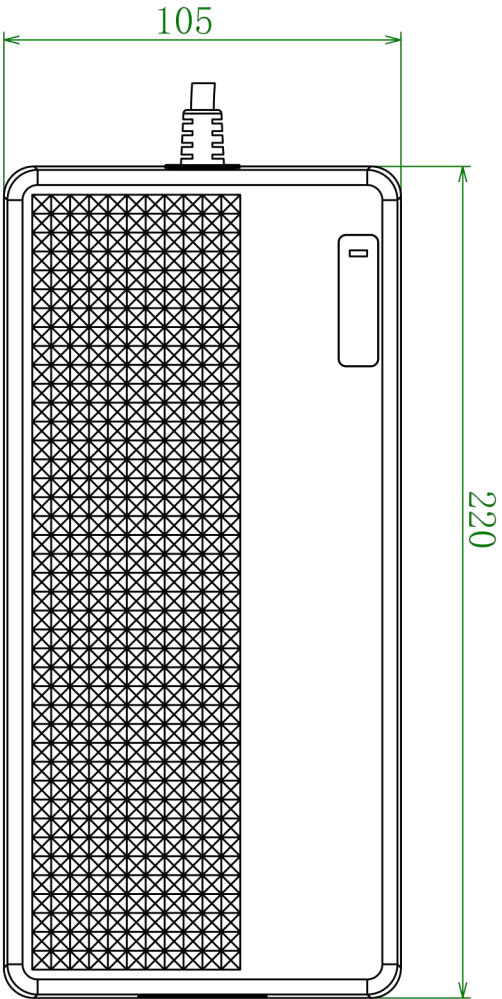




G300-144200 (14.4V 20.0A) 4S Li-Fe Battery Charger

项目 Item	规格 Specification	备注 Remark
1.输入特性 Input		
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	4.5Arms	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	320W	Input:100V Output:Full load
2.输出特性 Output		
空载输出电压 No load output voltage	DC14.4V $\pm 1\%$	
输出电压范围 Output voltage range	DC10.0~14.4V	
适用电池 Suit with battery type	4S Li-Fe battery	
恒定电流 Charging current	20.0A $\pm 7\%$	
恒定电压 Charging voltage	DC14.4V $\pm 1\%$	
预充电流 Pre-charge	4.0A $\pm 7\%$	电压 $\leq 12V$ 预充
充电结束电流 Charge-end current	$\leq 2.0A \pm 10\%$	
定时器 Timer	-	
最大输出功率 Max output power	288W	
纹波电压 Ripple voltage	$\leq 170mV$	满载 Full load
充电指示灯 Charging LED	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 $\geq 25\%$ Capacity; 1.66Hz $\geq 50\%$ Capacity; 2.5Hz $\geq 75\%$ Capacity;
	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	$\geq 94\%$	满载 Full load @220V
3.环境要求 Environment		
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
4.结构 Mechanical		
重量 Weight	1.3Kg	
尺寸 Size	220X105X44MM	外壳尺寸Casing only
接线端子 Connector	按客户要求制定 Refer to order	
5.安全特性 Safety		
最大温升 Max. temperature rise	$< 40^{\circ}C$ on casing	
安全认证 Safety approval	CB/CE/FCC	
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)	

CUSTOMER REV		REV	ZONE	DESCRIPTION	CHA BY/DATE	APP BY/DATE



深圳市谷润数字电源有限公司

深圳市谷润数字电源有限公司					
TITLE:			MATE:		
MODEL:			G300-XXXXXX		
DES BY:	CAD FILE:	UNIT : mm		TEXTURE NO.	
CHECK BY:	COLOR:	Paper Size:A4	SCALE:	Fit	
APP BY:	FINISH/TREATMENT:		DATE:		
PART NO.:					
CUSTOMER P/N:					