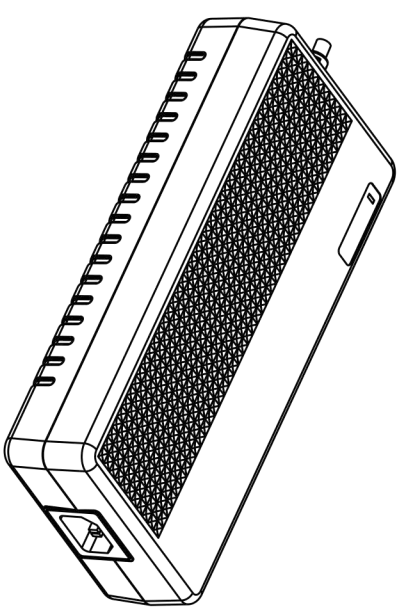
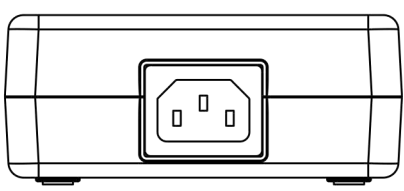
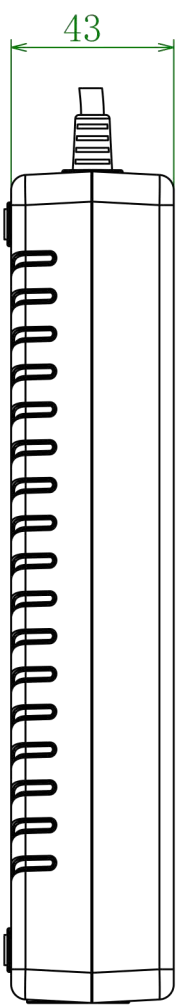
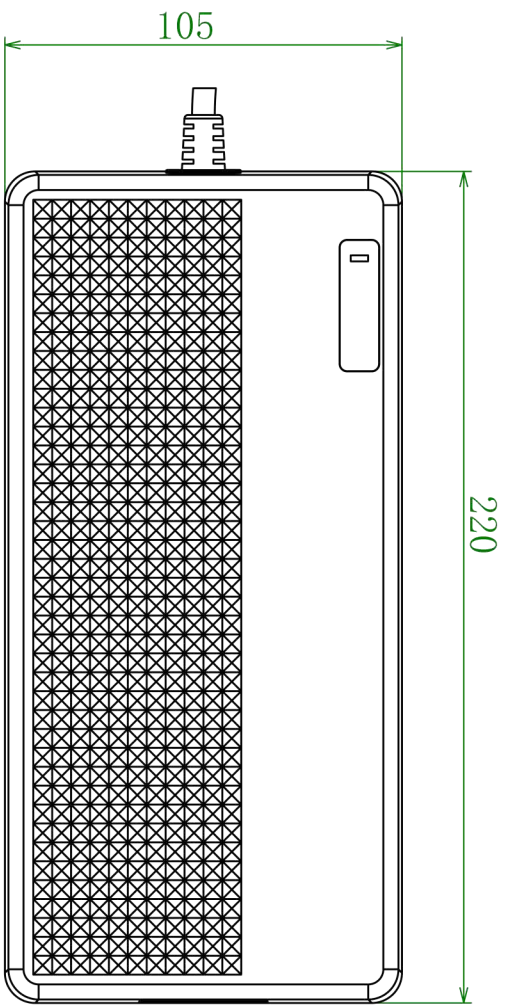




G300-120200 (12.0V 20.0A) Power Adapter

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:100VAC 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
效率 Efficiency	91.0%	Input:115VAC Output:Full load
	93.0%	Input:230VAC Output:Full load
待机功耗 Standby power	160mW	Input:115VAC&230VAC
浪涌电流 Inrush current	50A/115VAC 80A/230VAC	Cold-start and 25℃,Full-load
漏电流 Leakage current	<500uA	240VAC
2.输出特性 Output		
输出电压 Output voltage	12V	
输出电流范围 Output current range	0-20A	
额定最大功率 Rated maximum power	240W	
电压精度 Voltage tolerance	±2%	
线电压调整率 Voltage regulation	±1%	
负载调整率 Load regulation	±5%	
启动时间 Start-up time	300ms	Input:115VAC Output:Full load
上升时间 Rise time	15ms	Input:115VAC Output:Full load
保持时间 Hold time	15ms	Input:115VAC Output:Full load
纹波电压 Ripple voltage	100mV	20MHz , AC coupling mode, connected in parallel with 0.1uf ceramic capacitor and 47uf electrolytic capacitor
3.保护 Protect		
过载保护 OLP	110~160% , 锁定模式	
过压保护 OVP	锁定模式	
短路保护 SCP	锁定模式	
过温保护 OTP	锁定模式	
4.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
5.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	
6.安全特性 Safety		
最大温升 Max. temperature rise	< 40℃ on casing	
安全认证 Safety approval	CE	
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

TITLE:		MATEL:	
MODEL:	G300-XXXXXX	WEIGHT:	
DES BY:	CAD FILE:	TEXTURE NO.	
CHECK BY:	COLOR:	Paper Size:A4	SCALE: 1:1
APP BY:	FINISH/TREATMENT:	DATE:	
PART NO.:			
CUSTOMER P/N:			