



N100-48 (48V 1.5A) 40S NiMH/NiCd 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	1.5Arms	Input:100V Output:Full load
最大输入功率 Max input power	100W	Input:100V Output:Full load
2.输出特性 Output		
空载输出电压 No load output voltage	DC 13V	
输出电压范围 Output voltage range	DC 40 ~ 64V	
适用电池 Suit with battery type	40S Ni-MH/Ni-Cd battery	
恒定电流 Charging current	1.5A $\pm 10\%$	
充电涓流 Charging trickle	1/10 CC Pulse	
最大充电电压 Max Charging voltage	DC 64 V	
充电结束条件 Main charge end condition	-DV $\geq 5\text{mV}$ /cell (TYP) or $V_{\text{max}} \geq 1.6\text{V/cell}$ DT/dt $\geq 0.8^\circ\text{C/min}$ or Timer out.	For NiCd, V_{max} is 1.8V/cell
定时器 Timer	8hours (default)	
最大输出功率 Max output power	96 W	
纹波电压 Ripple voltage	$\leq 640\text{mV}$	满载 Full load
充电指示灯 Charging LED	红色Red:Charging	
	绿色Green:Full charge or idle	
输出短路保护 Shorted	有Yes	
输出反接保护 Reversed	有Yes	
效率 Efficiency	$\geq 87\%$	满载 Full load @220V
3.环境要求 Environment		
工作温度 Operate temperature	$-10 \sim +40^\circ\text{C}$	
工作湿度 Operate humidity	$< +90\%$	相对湿度 Relative humidity
存储温度 Storage temperature	$-40 \sim +70^\circ\text{C}$	
存储湿度 Storage humidity	$0 \sim +95\%$	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	400g	
尺寸 Size	170X70X41MM	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	$< 40^\circ\text{C}$ 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)	



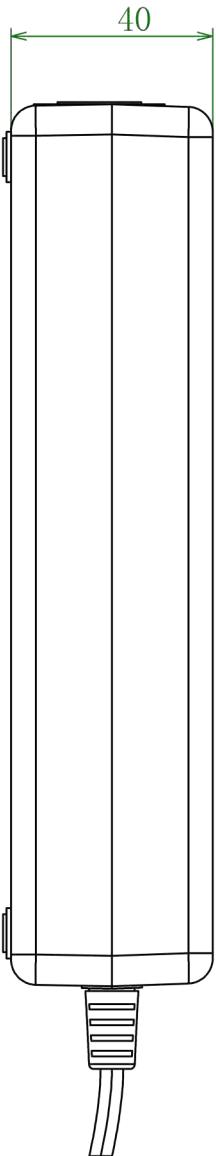
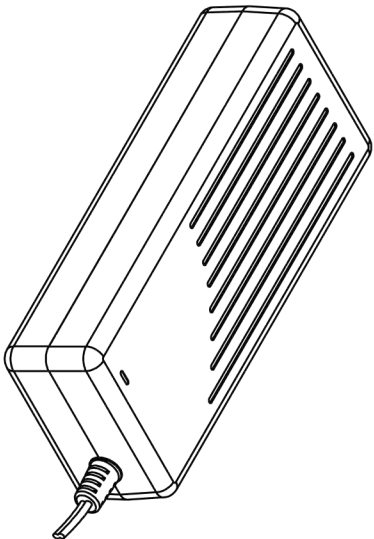
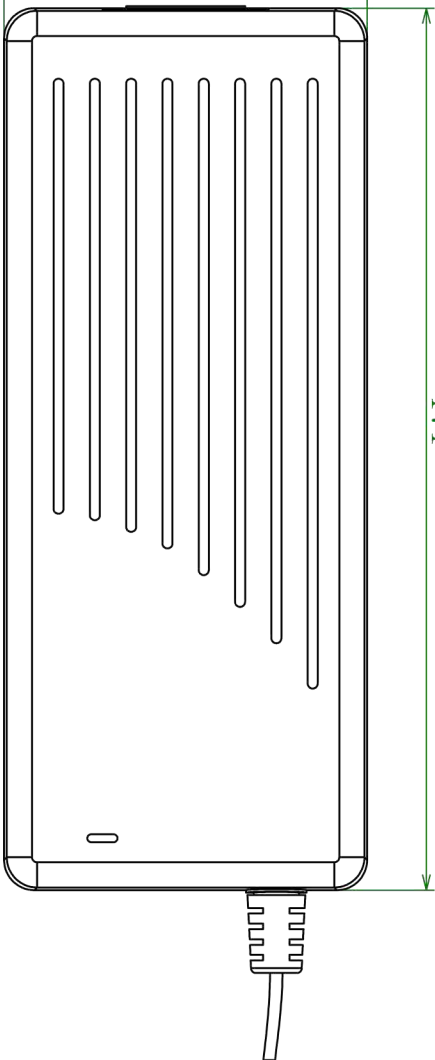
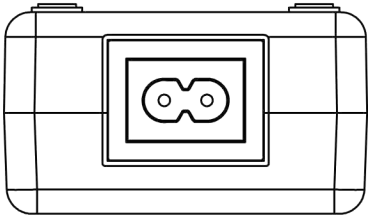
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深圳市谷润数字电源有限公司
Shenzhen Green Digital Power-Tech Co.,Ltd

DT温度，dt时间

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:				WEIGHT:	
DES BY:		CAD FILE:	UNIT : mm	TEXTURE NO.	
CHECK BY:		COLOR:		Paper Size:A4	SCALE:
APP BY:		FINISH/TREATMENT:			DATE:
PART NO.:				Fit	
CUSTOMER P/N:					