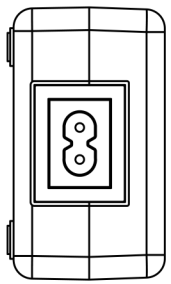
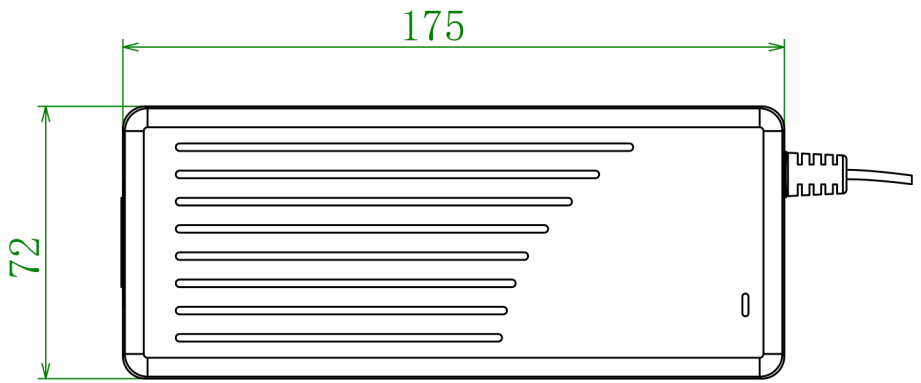
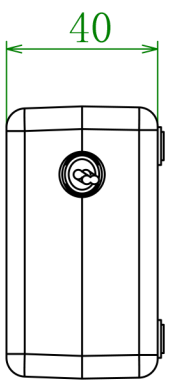
N100-24（24V 2.8A）20S NiMH/NiCd Battery Charger		
项目 Item	**规格 Specification**	**备注 Remark**
1.输入特性 Input		
额定输入电压 Rating input voltage	100~240Vac 50/60Hz	
输入电压范围 Input voltage range	90~264Vac	
额定输入电流 Rating input current	1.5Arms	Input:100V Output:Full load
最大输入功率 Max input power	100W	Input:100V Output:Full load
2.输出特性 Output		
空载输出电压 No load output voltage	DC 6.5V	
输出电压范围 Output voltage range	DC 20 ~ 32V	
适用电池 Suit with battery type	20S Ni-MH/Ni-Cd battery	
恒定电流 Charging current	2.8A ±10%	
充电涓流 Charging trickle	1/10 CC Pulse	
最大充电电压 Max Charging voltage	DC 32V	
充电结束条件 Main charge end condition	-DV ≥5mV /cell (TYP) or Vmax≥1.6V/cell DT/dt≥0.8℃/min or Timer out.	For NiCd, Vmax is 1.8V/cell
定时器 Timer	8hours (default)	
最大输出功率 Max output power	90W	
纹波电压 Ripple voltage	≤320mV	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	≥87%	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	400g	
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	
5.安全特性 Safety		
最大温升 Max. temperature rise	< 40℃ on casing	
安全认证 Safety approval	CE/cTUVus/CCC	
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)	

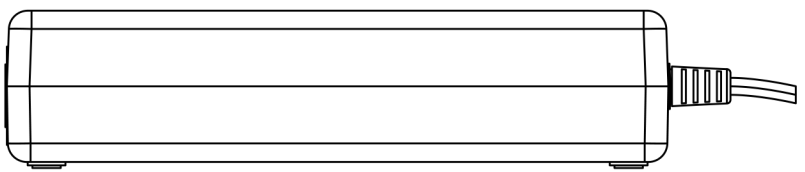
TOLERENCE FOR METAL	
DIVISION DIMENSION	TOLERANCE
-10	±0.08
10-30	±0.11
30-50	±0.13
50-80	±0.15
80-120	±0.18
120-180	±0.20
180-250	±0.25
250-400	±0.30

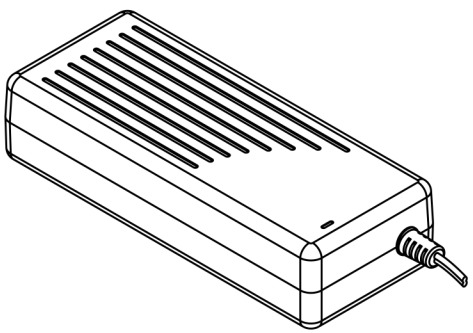
CUSTOMER REV	REV	ZONE	DESCRIPTION	CHA BY/DATE	APP BY/DATE











深圳市谷润数字电源有限公司				
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DES BY:	CAD FILE:		UNIT : mm	TEXTURE NO.
CHECK BY:	COLOR:		Paper Size:A4	SCALE: Fit
APP BY:	FINSH/ TREATMENT:			DATE:

PART NO.:	
CUSTOMER P/N:	