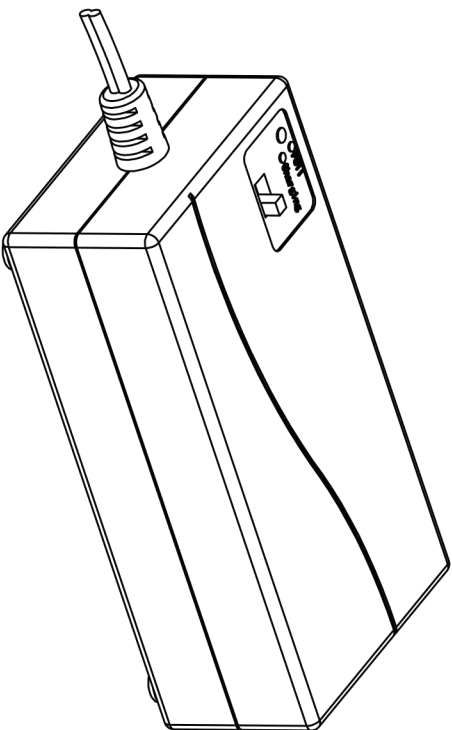
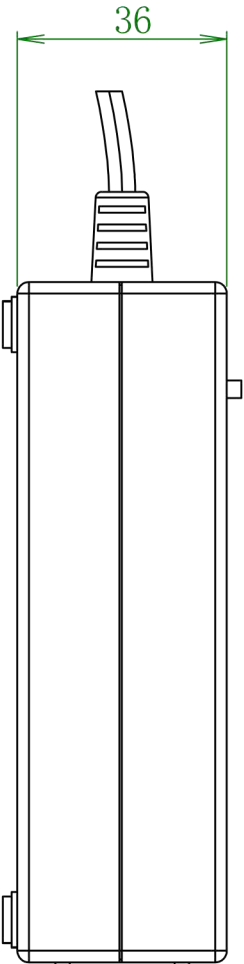
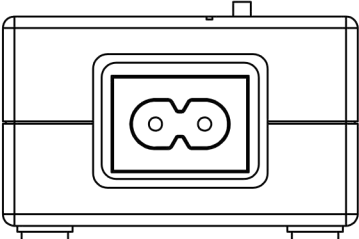
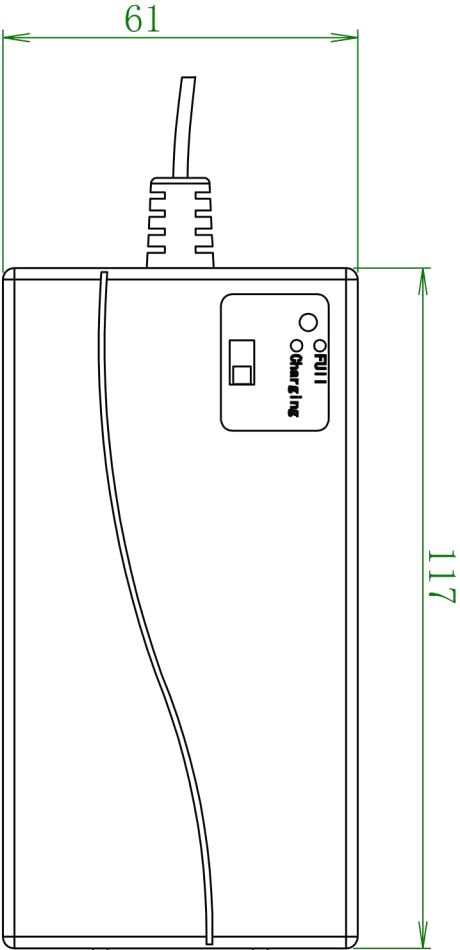




3PN3020MP (0.9A&1.8A) 6~10S Ni-MH/Ni-Cd Battery Charger		
项目 Item	规格 Specification	备注 Remark
1.输入特性 Input		
额定输入电压 Rating input voltage	100~240Vac 50/60Hz	
输入电压范围 Input voltage range	90~264Vac	
额定输入电流 Rating input current	0.6Arms	Input:100V Output:Full load
最大输入功率 Max input power	37W	Input:100V Output:Full load
2.输出特性 Output		
空载输出电压 No load output voltage	DC20V	
输出电压范围 Output voltage range	DC7.0~20.0V	
适用电池 Suit with battery type	7.2~12.0V,1.2~14.0Ah Ni-MH/Ni-Cd battery	
恒定电流 Charging current	0.9A $\pm 10\%$ and 1.8A $\pm 10\%$	通过外部开关选择电流
充电涓流 Charging trickle	$\leq 0.25A$	
最大充电电压 Max Charging voltage	DC16.0V	
充电结束条件 Main charge end condition	-DV $\geq 5mV$ /cell (TYP) or Vmax $\geq 1.6V$ /cell or Timer out.	For NiCd, Vmax is 1.8V/cell
定时器 Timer	8hours (default)	1~10 hours defined when order
最大输出功率 Max output power	30W	
纹波电压 Ripple voltage	$\leq 160mV$	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	$\geq 79\%$	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	-10℃~+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	240g	
尺寸 Size	117X61X36MM	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	
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
A						

TOLERANCE FOR INJECT PARTS	
A	
DIVISION	TOLERANCE
DIMENSION	(CLASS 5)
-10	± 0.10
10-30	± 0.15
30-50	± 0.20
50-75	± 0.25
75-100	± 0.30
100-125	± 0.35
125-150	± 0.40
150-175	± 0.45
175-200	± 0.50
200-250	± 0.60
250-315	± 0.70
315-355	± 0.80
355-400	± 0.90
400-450	± 1.00
450-500	± 1.10



深圳市谷润数字电源有限公司			
TITLE:		MATE:	
MODEL:		WEIGHT:	
DES BY:		TEXTURE	
CAD FILE:		UNIT : mm	
CHECK BY:		Paper Size:A4	
FINSH/ TREATMENT:		SCALE: 1:1	
APP BY:		DATE:	