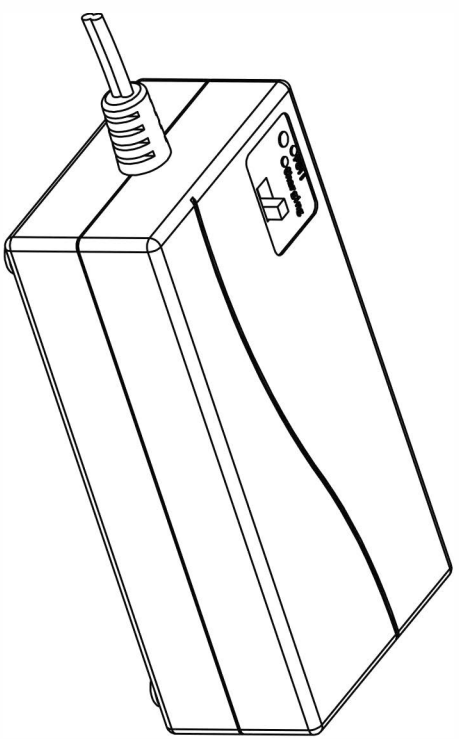
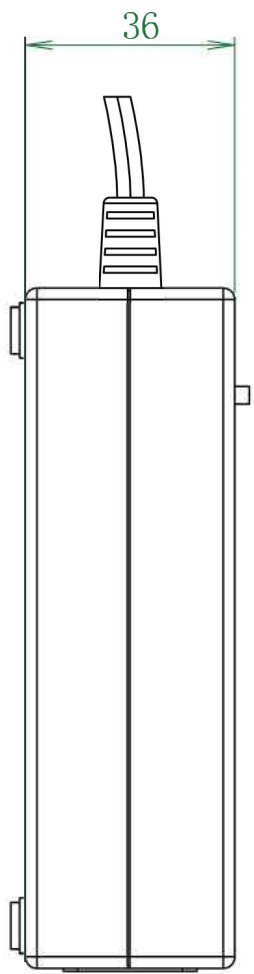
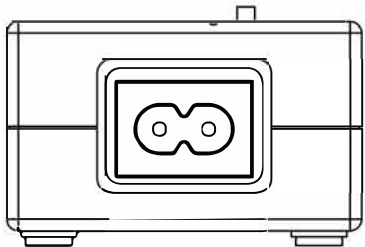
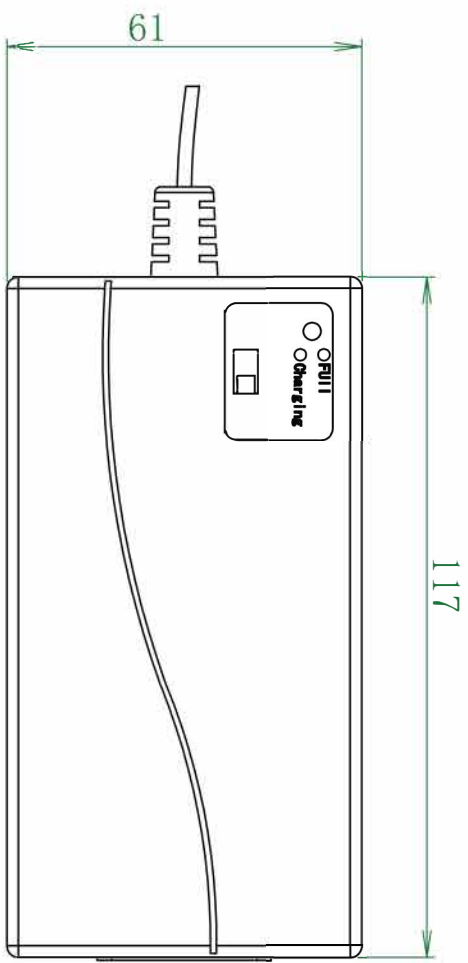




<b>3PN3020MP (0.9A&amp;1.8A) 6~10S Ni-MH/Ni-Cd Battery Charger</b>		
<b>Item</b>	<b>Specification</b>	<b>Remark</b>
<b>1.Input</b>		
Rating input voltage	100~240Vac 50/60Hz	
Input voltage range	90~264Vac	
Rating input current	0.6Arms	Input:100V Output:Full load
Max input power	37W	Input:100V Output:Full load
<b>2.Output</b>		
No load output voltage	DC20V	
Output voltage range	DC7.0~20.0V	
Suit with battery type	7.2~12.0V,1.2~14.0Ah Ni-MH/Ni-Cd battery	
Charging current	0.9A $\pm$ 10% and 1.8A $\pm$ 10%	0.9A or 1.8A can be selected
Charging trickle	$\leq$ 0.25A	
Max Charging voltage	DC16.0V	
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
Timer	8hours (default)	1~10 hours defined when order
Max output power	30W	
Ripple voltage	$\leq$ 160mV	Full load
Charging LED	Red:Charging	
	Green:Full charge or idle	
Shorted	Yes	
Reversed	Yes	
Efficiency	$\geq$ 79%	Full load @220V
<b>3.Environment</b>		
Operate temperature	-10 $^{\circ}$ C~+40 $^{\circ}$ C	
Operate humidity	< +90%	Relative humidity
Storage temperature	-10 $^{\circ}$ C~+70 $^{\circ}$ C	
Storage humidity	0 ~ +95%	Relative humidity
Cooling	Natural	
Vibration resistance	5MM/50HZ/600S	Non-operating condition
Impact resistance	1 meter drop test 3 times	Non-operating condition
<b>4.Mechanical</b>		
Weight	240g	
Size	117X61X36MM	Casing only
Connector	Refer to order	
<b>5.Safety</b>		
Max. temperature rise	< 40 $^{\circ}$ C on casing	
Safety approval	CE	
MTBF	30000H	
ESD	8.0KV	
Hi-Pot Insulation	i/p to o/p: 3000V (1 min)	

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

TOLERANCE FOR INJECT PARTS	
DIVISION DIMENSION (CLASS 5)	TOLERANCE
-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



**Shenzhen Green Digital Power-Tech CO.,LTD**

TITLE:		MATE:	
MODEL:		WEIGHT:	
DES BY:	30W	UNIT: mm	TEXTURE NO
CHECK BY:		Paper Size: A4	SCALE: Ft
APP BY:		FINISH/TREATMENT:	DATE:
PART NO.:			
CUSTOMER P/N:			