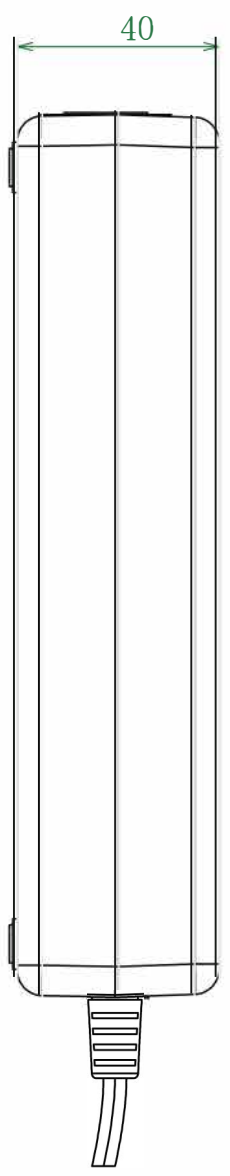
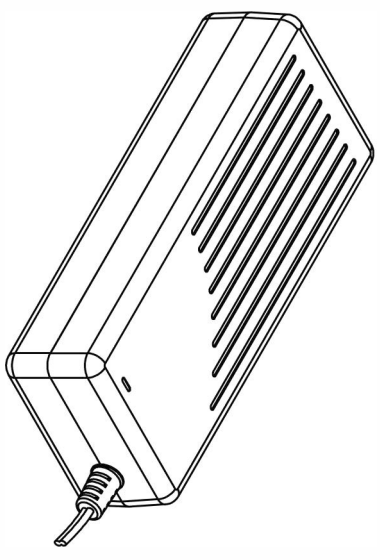
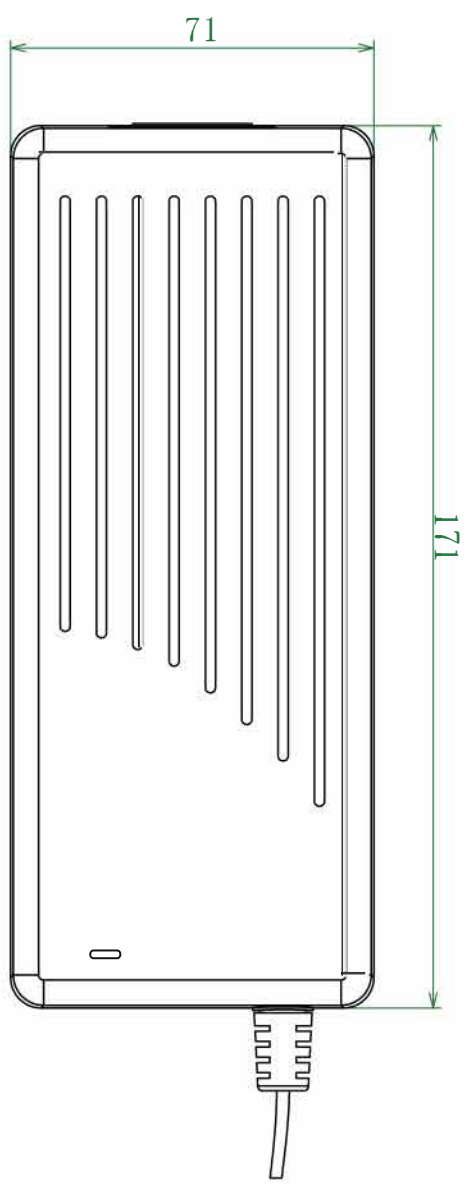
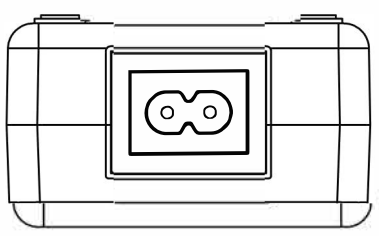


**N100-48 (48V 1.5A) 40S NiMH/NiCd Battery Charger**

Item	Specification	Remark
<b>1.Input</b>		
Rating input voltage	100~240Vac 50/60Hz	
Input voltage range	90~264Vac	
Rating input current	1.5Arms	Input:100V Output:Full load
Max input power	100W	Input:100V Output:Full load
<b>2.Output</b>		
No load output voltage	DC 13V	
Output voltage range	DC 40 ~ 64V	
Suit with battery type	40S Ni-MH/Ni-Cd battery	
Charging current	1.5A $\pm$ 10%	
Charging trickle	1/10 CC Pulse	
Max Charging voltage	DC 64 V	
Main charge end condition	-DV $\geq$ 5mV /cell (TYP) or Vmax $\geq$ 1.6V/cell DT/dt $\geq$ 0.8 $^{\circ}$ C/min or Timer out.	For NiCd, Vmax is 1.8V/cell
Timer	8hours (default)	
Max output power	96 W	
Ripple voltage	$\leq$ 640mV	Full load
Charging LED	Red:Charging	
	Green:Full charge or idle	
Shorted	Yes	
Reversed	Yes	
Efficiency	$\geq$ 87%	Full load @220V
<b>3.Environment</b>		
Operate temperature	-10 ~ +40 $^{\circ}$ C	
Operate humidity	< +90%	Relative humidity
Storage temperature	-40 ~ +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	400g	
Size	170X70X41MM	Casing only
Connector	Refer to order	
<b>5.Safety</b>		
Max. temperature rise	< 40 $^{\circ}$ C on casing	
Safety approval	CE/cTUVus/CCC	
MTBF	30000H	
ESD	8.0KV	
Hi-Pot Insulation	i/p to o/p: 3000V (1 min)	

CU	STOMERE	VRE	V	ZONE	DE	SCRIPTION	CHA	BY/DATE	APP	BY/DATE
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Shenzhen Green Digital Power-Tech CO.,LTD

TITLE:		L100W		MATT:	
MODEL:				WEIGHT:	
DES BY:	CAD FILE:	UNIT:	mm	TEXTURE	NO
CHECK BY:	COLOR:	Paper Size:	A4	SCALE:	1:1
APP BY:	FIN SH/ TREATME NT			DATE:	
CUSTOMER P/N:					
PART NO.:					