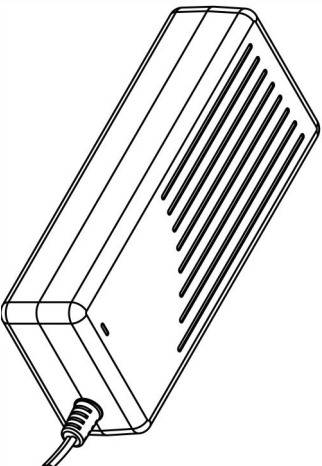
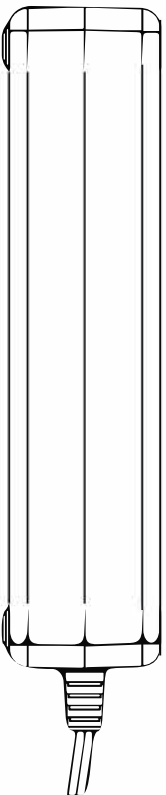
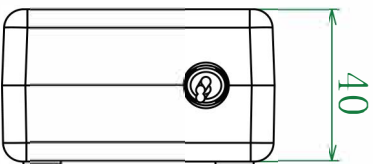
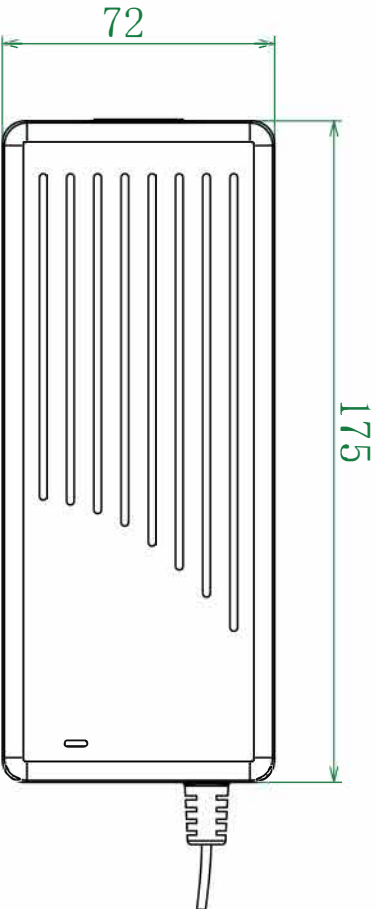
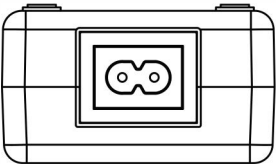




N100-36 (36V 1.8A) 30S NiMH/NiCd Battery Charger

Item	Specification	Remark
1.Input		
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
2.Output		
No load output voltage	DC 12.5 V	
Output voltage range	DC30 ~ 48 V	
Suit with battery type	30S Ni-MH/Ni-Cd battery	
Charging current	1.8A $\pm 10\%$	
Charging trickle	1/10 CC Pulse	
Max Charging voltage	DC 48V	
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
Timer	8hours (default)	
Max output power	86.4W	
Ripple voltage	$\leq 480\text{ mV}$	Full load
Charging LED	Red:Charging	
	Green:Full charge or idle	
Shorted	Yes	
Reversed	Yes	
Efficiency	$\geq 87\%$	Full load @220V
3.Environment		
Operate temperature	$-10 \sim +40^\circ\text{C}$	
Operate humidity	$< +90\%$	Relative humidity
Storage temperature	$-40 \sim +70^\circ\text{C}$	
Storage humidity	$0 \sim +95\%$	Relative humidity
Cooling	Natural	
Vibration resistance	5MM/50HZ/600S	Non-operating condition
Impact resistance	1 meter drop test 3 times	Non-operating condition
4.Mechanical		
Weight	400g	
Size	175X72X40MM	Casing only
Connector	Refer to order	
5.Safety		
Max. temperature rise	$< 40^\circ\text{C}$ on casing	
Safety approval	CE/cTUVus/CCC	
MTBF	30000H	
ESD	8.0KV	
Hi-Pot Insulation	i/p to o/p: 3000V (1 min)	

TOLERANCE 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



TITLE:

SHENZHEN GREEN DIGITAL POWER TECH CO., LTD

TITLE:

100W-XXXXXX

MODEL:

DES BY:

CAD FILE:

CHECK BY:

COLOR:

FINISH/TREATMENT:

PART NO.:

CUSTOMER P/N:

APP BY:

DATE:

UNIT : mm

Paper Size: A4

SCALE:

Fit

WEIGHT:

TEXTURE NO.