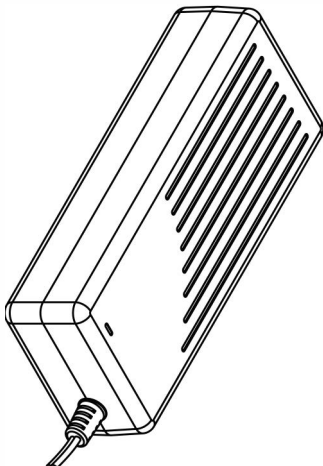
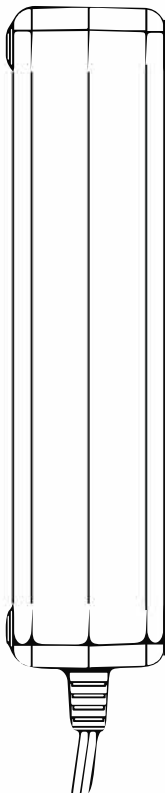
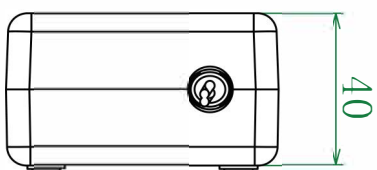
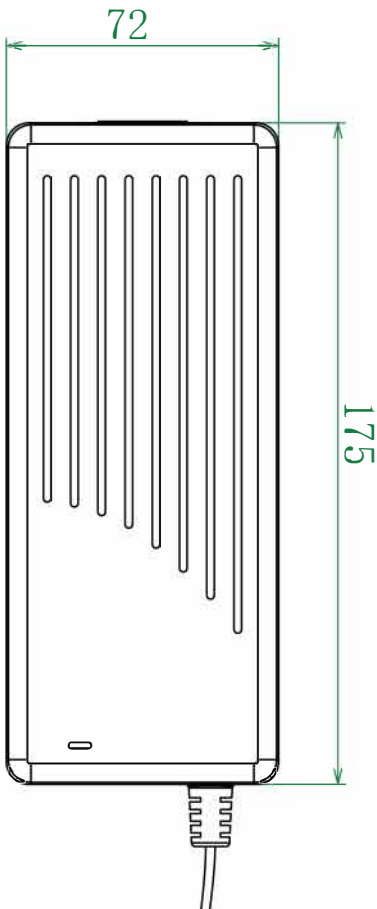
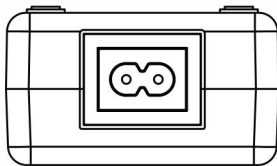




A100-12 (13.8V 5.0A) Pb-Acid Battery Charger

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	DC13.8V	
Output voltage range	DC10.0~14.7V	
Suit with battery type	12V Pb-Acid battery	
Charging current	5.0A $\pm 10\%$	
Charging voltage CV (H)	DC14.7V $\pm 0.3V$	
Floating charge voltage CV (L)	DC13.8V $\pm 0.2v$	
Charge-end current	$\leq 0.8A \pm 0.2A$	
Timer	10H	
Max output power	73.5W	
Ripple voltage	$\leq 150mV$	Full load
Charging LED	Red:Charging	
	Green:Full charge or idle	
Shorted	Yes	
Reversed	Yes	
Efficiency	$\geq 83\%$	Full load @220V
3.Environment		
Operate temperature	-10 ~ +40℃	
Operate humidity	< +90%	Relative humidity
Storage temperature	-40 ~ +70℃	
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
4.Mechanical		
Weight	400g	
Size	175X72X40MM	Casing only
Connector	Refer to order	
5.Safety		
Max. temperature rise	< 40℃ on casing	
Safety approval	CE/cTUVus/CCC/PSE	
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



SHENZHEN GREEN DIGITAL POWER TECH CO., LTD									
TITLE:			MATERIAL:						
MODEL:			100W-XXXXXX			WEIGHT:			
DES BY:			CAD FILE:			UNIT : mm		TEXTURE NO.	
CHECK BY:			COLOR:			Paper Size: A4		SCALE	
APP BY:			FINISH/TREATMENT:					DATE:	
PART NO.:								Fit	
CUSTOMER P/N									