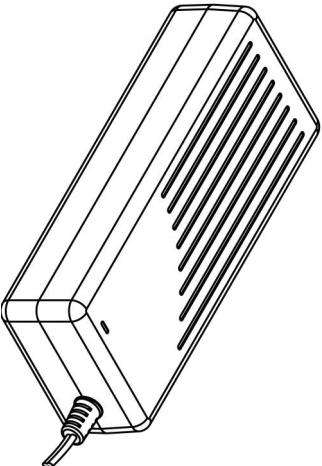
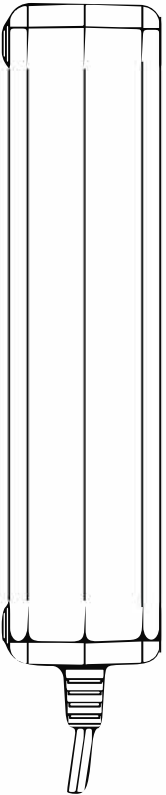
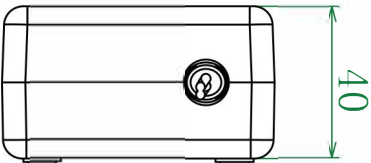
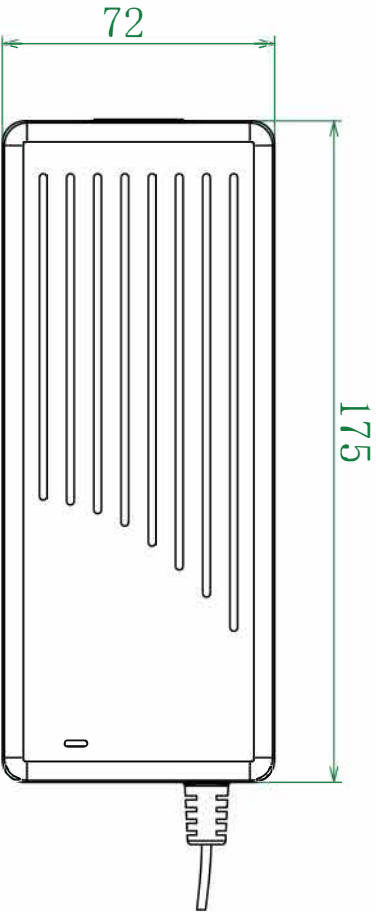
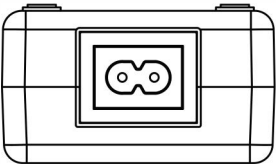




L100-12F (14.4V 5.0A) 4S Li-Fe Battery Charger		
Item	Specification	Remark
1.Input		
Rating input voltage	100~240Vac 50/60Hz	
Input voltage range	90~264Vac	
Rating input current	1.5Arms	Input:100V Output:Full load
Max input power	100W	Input:100V Output:Full load
2.Output		
No load output voltage	DC14.4V	
Output voltage range	DC10.0~14.4V	
Suit with battery type	4S Li-Fe battery	
Charging current	5.0A $\pm 10\%$	
Charging voltage	DC14.4V $\pm 0.2V$	
Charge-end current	$\leq 0.4A \pm 0.1A$	
Timer	-	
Max output power	72W	
Ripple voltage	$\leq 144mV$	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



TITLE:

MODEL:

DES BY:

CHECK BY:

APP BY:

100W-XXXXXX

FILE:

COLOR:

FINISH/TREATMENT:

MATERIAL:

WEIGHT:

UNIT : mm

Paper Size: A4

SCALE:

DATE:

SHENZHEN GREEN DIGITAL POWER TECH CO., LTD

TEXTURE NO.

Fit

CUSTOMER P/N

PART NO.:

CUSTOMER REV

REV

ZONE

DESCRIPTION

CHA BY/DATE

APP BY/DATE