

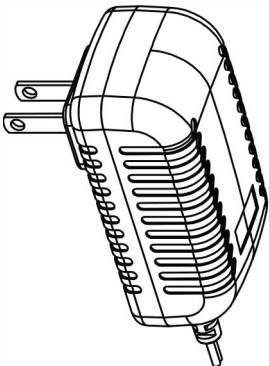
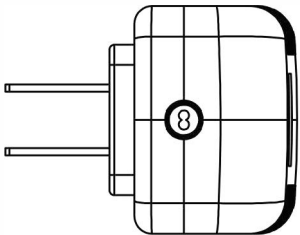
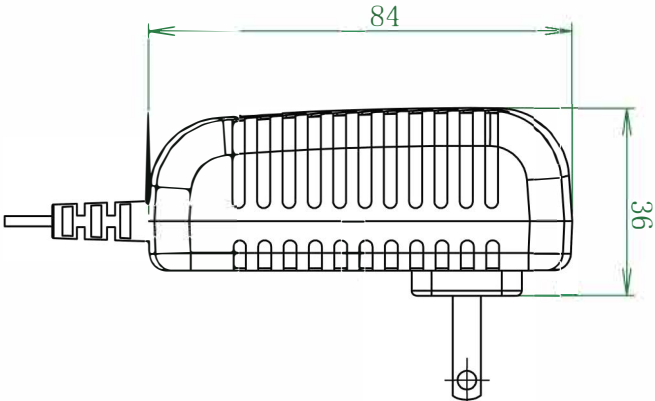
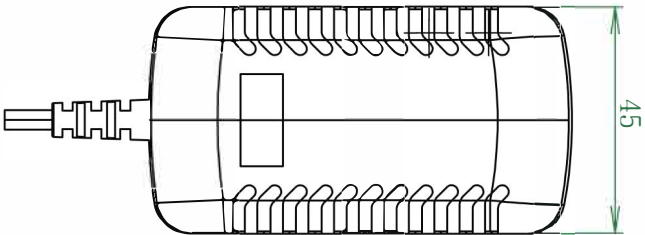


P2012-L1 (4.2V 2.0A) 1S Li-ion Battery Charger

Item	Specification	Remark
1.Input		
Rating input voltage	100~240Vac 50/60Hz	
Input voltage range	90~264Vac	
Rating input current	0.5Arms	Input:100V Output:Full load
Max input power	13W	Input:100V Output:Full load
2.Output		
No load output voltage	DC4.2V	
Output voltage range	DC2.5~4.2V	
Suit with battery type	1S Li-ion battery	
Charging current	2.0A $\pm 10\%$	
Charging voltage	DC4.2V $\pm 0.05V$	
Charge-end current	0.15~0.25A	
Timer	-	
Max output power	8.4W	
Ripple voltage	$\leq 42mV$	Full load
Charging LED	Red:Charging	
	Green:Full charge or idle	
Shorted	Yes	
Reversed	Yes	
Efficiency	$\geq 67\%$	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	120g	
Size	84X45X36mm(US),84X45X50mm(VDE)	Casing only
Connector	Refer to order	
5.Safety		
Max. temperature rise	< 40℃ on casing	
Safety approval	CE/cTUVus/CCC	
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
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TOLERANCE FOR INJECT PARTS	
DIVISION	TOLERANCE
DIMENSION	(CLASS 5)
-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:				MATERIAL:	
MODEL:				WEIGHT:	
DES BY:				TEXTURE:	
CAD FILE:				UNIT: mm	
CHECK BY:				Paper Size/A4	
FINISH/TREATMENT:				SCALE:	
APP BY:				DATE:	