



G60-24L5 (21.0V 2.2A) 5S Li-ion Battery Charger

Item	Specification	Remark
1.Input		
Rating input voltage	100~240Vac 50/60Hz	
Input voltage range	90~264Vac	
Rating input current	1.0Arms	Input:100V Output:Full load
Max input power	60W	Input:100V Output:Full load
2.Output		
No load output voltage	DC21.0V	
Output voltage range	DC12.5~21.0V	
Suit with battery type	5S Li-ion battery	
Charging current	2.2A $\pm 10\%$	
Charging voltage	DC21.0V $\pm 0.25V$	
Pre-charge	0.5A $\pm 0.1A$	Voltage $\leq 15.0V$ Pre-charge
Charge-end current	$\leq 0.2A \pm 10\%$	
Timer	-	
Max output power	46.2W	
Ripple voltage	$\leq 210mV$	Full load
Power LED	Red	Power on
Charging LED	All off	No battery
	All on	Finished
	All flashing	Error
	Flashing one by one	Charging
Shorted	Yes	
Reversed	Yes	
Efficiency	$\geq 85\%$	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	270g	
Size	127X67X38MM	Casing only
Connector	Refer to order	
Safety		
Max. temperature rise	< 40℃ on casing	
Safety approval	CE/cTUVus/PSE/CCC	
MTBF	30000H	
ESD	8.0KV	
Hi-Pot Insulation	i/p to o/p: 3000V (1 min)	

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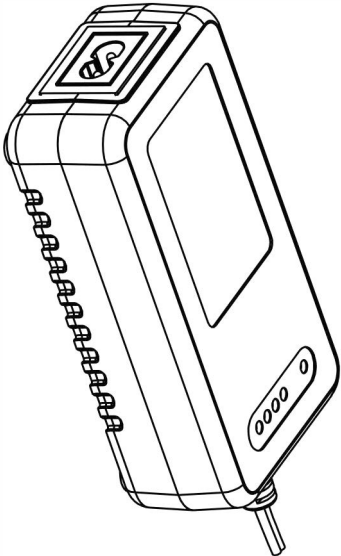
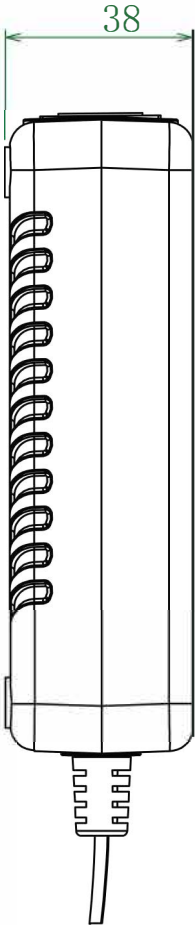
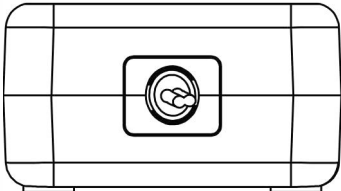
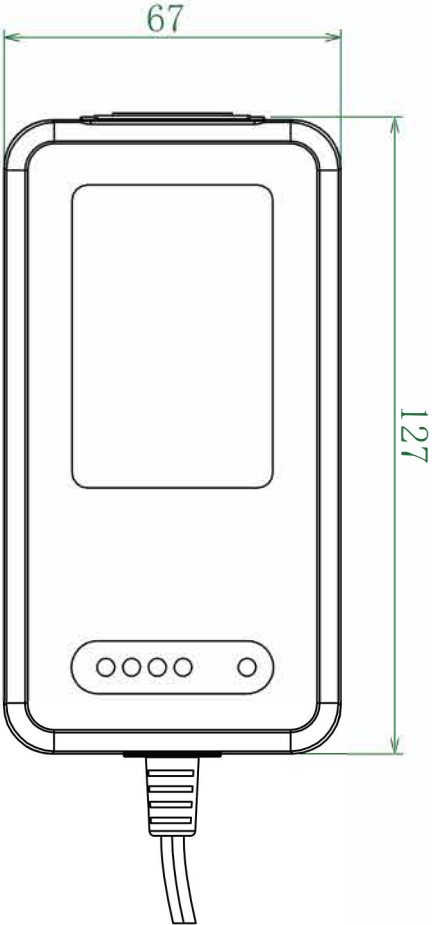
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CUSTOM	REV	REV	ZONE	DESCRIPTION	CHA BY/DATE	APP BY/DATE
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TOLERANCE FOR INJECT PARTS	
A	
DIVISION	TOLERANCE
DIMENSION	(CLASS 5)
-10	± 0.10
10-30	± 0.15
30-50	± 0.20
50-75	± 0.25
75-100	± 0.30
100-125	± 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:		MATE:	
MODEL:		G60W	
DES BY:		CAD FILE:	
CHECK BY:		COLOR:	
APP BY:		TREATM ENT	
PAPER SIZE: A4		SCALE: 1:1	
DATE:		DATE:	