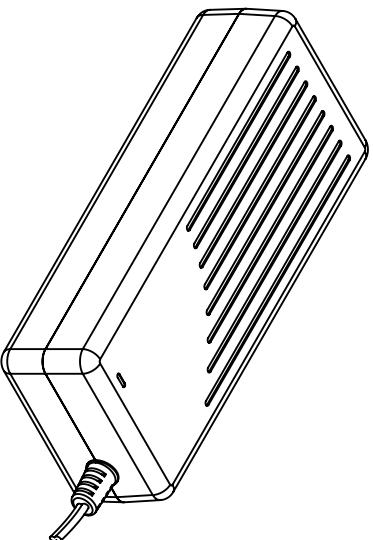
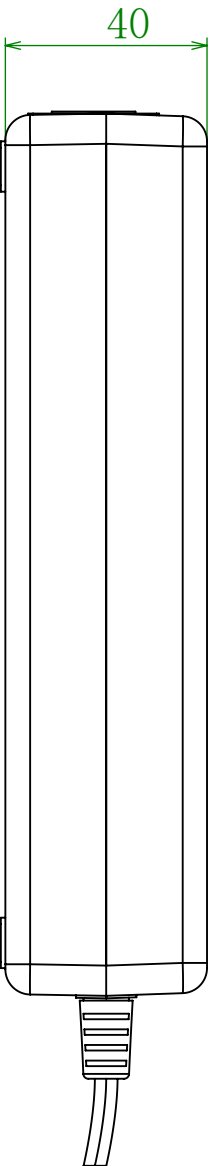
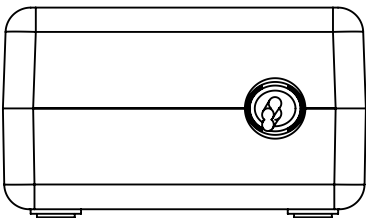
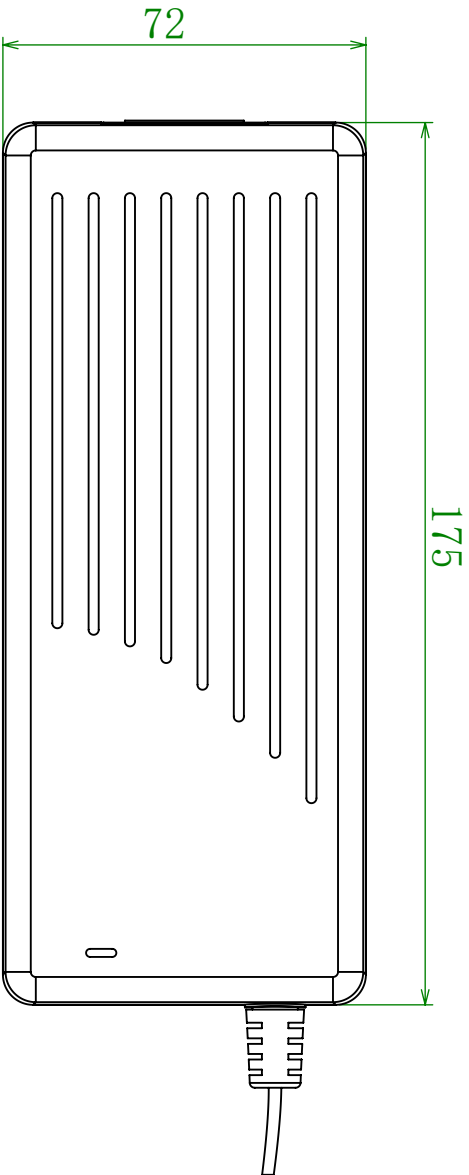


**G168-180093 (18.0V 9.3A) 5S Li-Fe Battery Charger**

Item	Specification	Remark
1.Input		
Rating input voltage	100~240Vac 50/60Hz	
Input voltage range	90~264Vac	
Rating input current	2.2Arms	Input:100V Output:Full load
Max input power	175W	Input:100V Output:Full load
2.Output		
No load output voltage	DC18.0V $\pm 1\%$	
Output voltage range	DC12.5~18.0V	
Suit with battery type	5S Li-Fe battery	
Charging current	9.3A $\pm 7\%$	
Charging voltage	DC18.0V $\pm 1\%$	
Pre-charge	1.8A $\pm 7\%$	Voltage $\leq 15.0V$ Pre-charge
Charge-end current	$\leq 0.93A \pm 10\%$	
Timer	-	
Max output power	168W	
Ripple voltage	$\leq 220mV$	Full load
Charging LED	Red LED flashing	2Hz Error
	Green LED flashing	0.45Hz No battery; 0.83Hz $< 25\%$ Capacity; 1.25Hz $\geq 25\%$ Capacity; 1.66Hz $\geq 50\%$ Capacity; 2.5Hz $\geq 75\%$ Capacity;
	Green LED on	Full
Shorted	Yes	
Reversed	Yes	
Efficiency	$\geq 92\%$	Full load @220V
3.Environment		
Operate temperature	-10 ~ +40°C	
Operate humidity	$< +90\%$	Relative humidity
Storage temperature	-40 ~ +70°C	
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	680g	
Size	171X71X40MM	Casing only
Connector	Refer to order	
5.Safety		
Max. temperature rise	$< 40^{\circ}C$ on casing	
Safety approval	CE/GS/PSE/SAA/FCC/CCC/cTUVus/CB/BS	
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



Shenzhen Green Digital Power-Tech CO., LTD

Shenzhen Green Digital Power-Tech CO., LTD					
TITLE:			MATEL:		
MODEL:			G168W-XXXXXX		
DES BY:		CAD FILE:	UNIT : mm		TEXTURE NO.
CHECK BY:		COLOR:	Paper Size:A4		SCALE: Fit
PART NO.:		FINISH/ TREATMENT:			
CUSTOMER P/N:		APP BY:		DATE:	