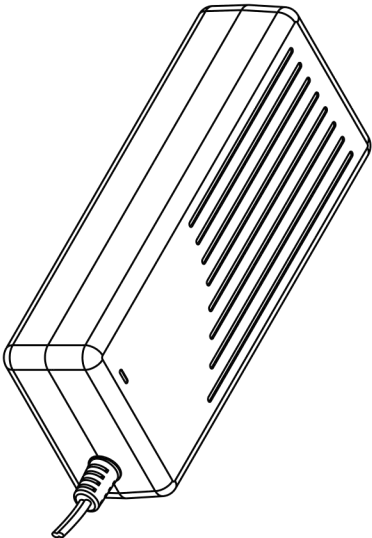
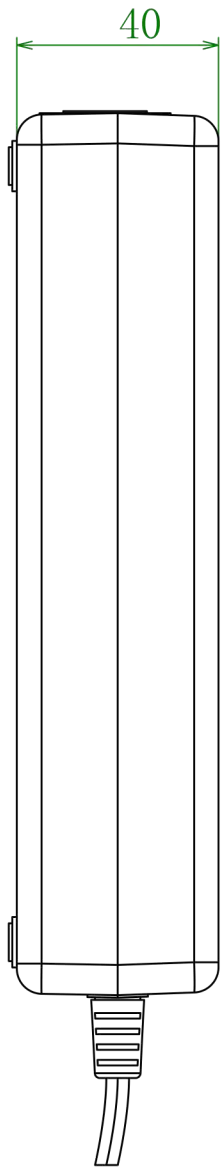
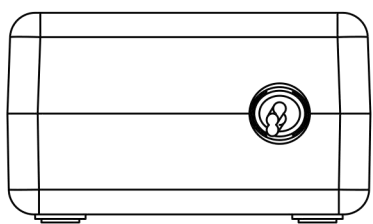
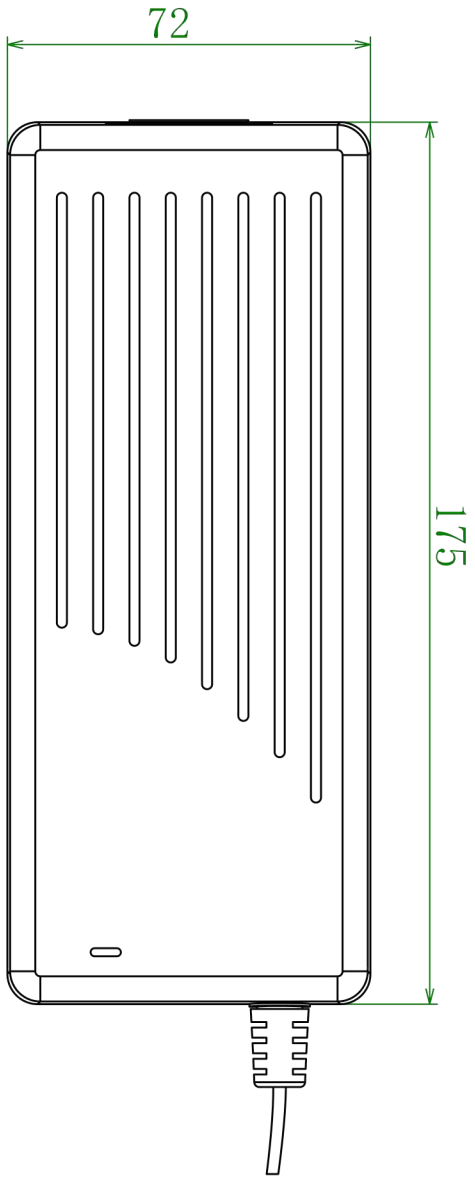


G168-210070 (21.0V 7.0A) 5S Li-ion Battery Charger

Item	Specification	Remark
1.Input		
Rating input voltage	100~240Vac 50/60Hz	
Input voltage range	90~264Vac	
Rating input current	2.2Arms	Input:100V Output:Full load
Power factor	PF>0.98	Input:115VAC Output:Full load
	PF>0.94	Input:230VAC Output:Full load
Standby power	1W	Input:115VAC&230VAC
Max input power	183W	Input:100V Output:Full load
2.Output		
No load output voltage	DC21.0V ±1%	
Output voltage range	DC12.5~21.0V	
Suit with battery type	5S Li-ion battery	
Charging current	7.0A ±7%	
Charging voltage	DC21.0V ±1%	
Pre-charge	1.56A ±7%	Voltage ≤15.0V Pre-charge
Charge-end current	≤0.70A±10%	
Timer	-	
Max output power	163.8W	
Ripple voltage	≤250mV	Full load
Charging LED	Red LED flashing	2Hz Error
	Green LED flashing	0.45Hz No battery; 0.83Hz <25% Capacity; 1.25Hz ≥25% Capacity; 1.66Hz ≥50% Capacity; 2.5Hz ≥75% Capacity;
	Green LED on	Full
Shorted	Yes	
Reversed	Yes	
Efficiency	≥94%	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	680g	
Size	175X72X40MM	Casing only
Connector	Refer to order	
5.Safety		
Max. temperature rise	< 40℃ on casing	
Safety approval	CE/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



深圳市谷润数字电源有限公司

TITLE:		MATEL:	
MODEL:		G168W-XXXXXX	
DES BY:	CAD FILE:	UNIT : mm	WEIGHT:
CHECK BY:	COLOR:	Paper Size:A4	TEXTURE NO.
CUSTOMER P/N:	FINISH/TREATMENT:		SCALE: Ft
			DATE: