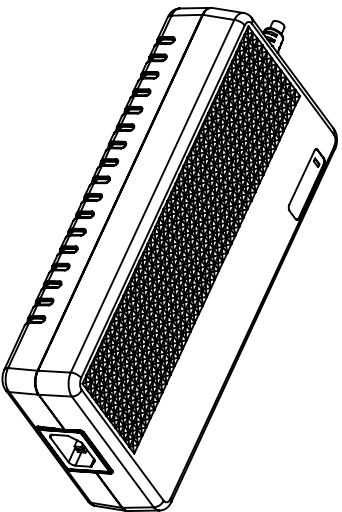
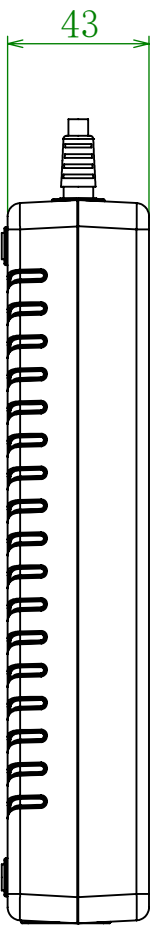
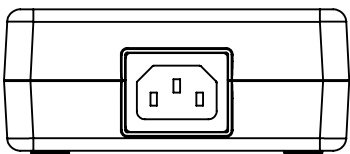
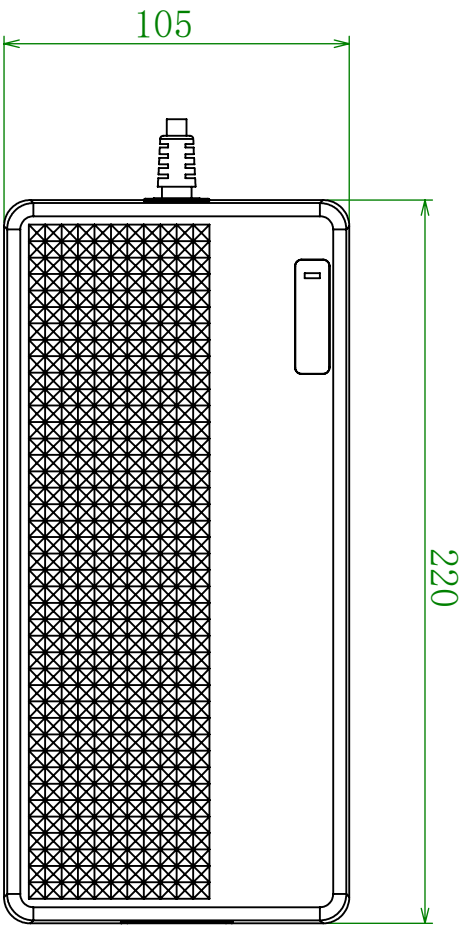


**G300-588050 (58.8V 5.0A) 14S Li-ion Battery Charger**

Item	Specification	Remark
1.Input		
Rating input voltage	100~240Vac 50/60Hz	
Input voltage range	90~264Vac	
Rating input current	4.5Arms	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	320W	Input:100V Output:Full load
2.Output		
No load output voltage	DC58.8V $\pm$ 1%	
Output voltage range	DC35.0~58.8V	
Suit with battery type	14S Li-ion battery	
Charging current	5.0A $\pm$ 7%	
Charging voltage	DC58.8V $\pm$ 1%	
Pre-charge	1.0A $\pm$ 7%	voltage $\leq$ 42.0VPre-charge
Charge-end current	$\leq$ 0.5A $\pm$ 10%	
Timer	-	
Max output power	294W	
Ripple voltage	$\leq$ 700mV	Full load
Charging LED	Red LED flashing	2Hz Error
	Green LED flashing	Idle
	Red LED on	Charging
	Green LED on	Full
Shorted	Yes	
Reversed	Yes	
Efficiency	$\geq$ 95%	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	1.3Kg	
Size	220X105X43MM	Casing only
Connector	Refer to order	
5.Safety		
Max. temperature rise	< 40℃ on casing	
Safety approval	CB/CE/FCC/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



Shenzhen Green Digital Power Tech CO.,LTD

TITLE:

MATL:

MODEL:

G300-XXXXXX

WEIGHT:

DES BY:

CAD

TEXTURE

CHECK BY:

FILE:

UNIT : mm

PART NO.:

APP BY:

COLOR:

Paper Size:A4

SCALE:

DATE:

CUSTOMER P/N:

FINISH/

TREATMENT:

Fit

DATE:

DATE: