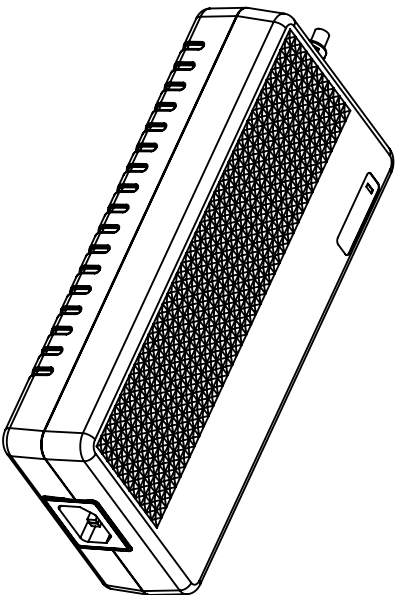
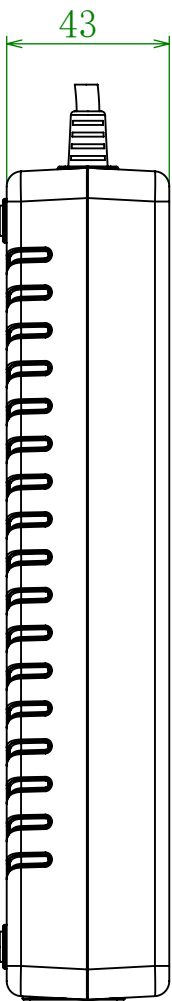
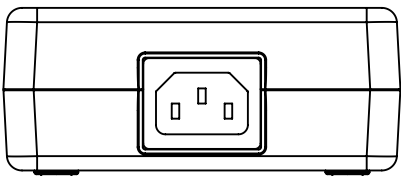
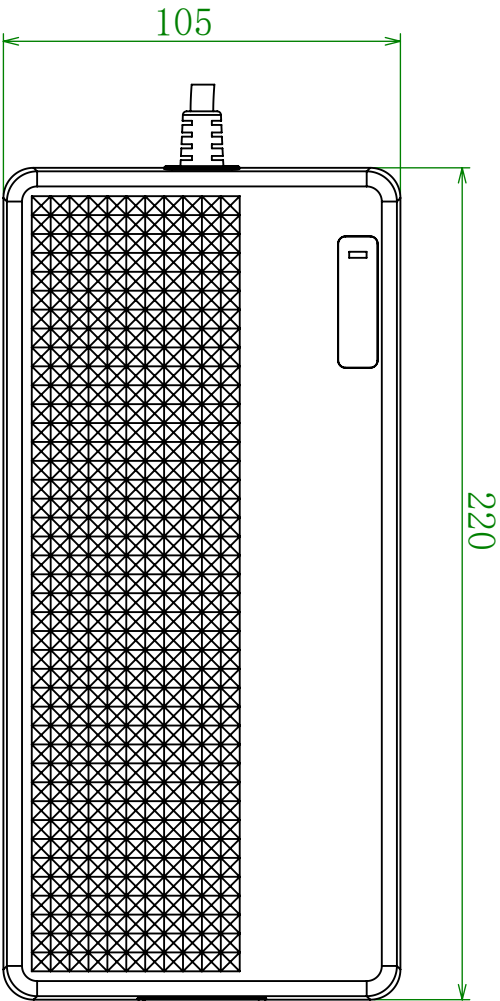


G300-144200 (14.4V 20.0A) 4S Li-Fe Battery Charger

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
Max input power	320W	Input:100V Output:Full load
2.Output		
No load output voltage	DC14.4V $\pm 1\%$	
Output voltage range	DC10.0~14.4V	
Suit with battery type	4S Li-Fe battery	
Charging current	20.0A $\pm 7\%$	
Charging voltage	DC14.4V $\pm 1\%$	
Pre-charge	4.0A $\pm 7\%$	Voltage $\leq 12V$ Pre-charge
Charge-end current	$\leq 2.0A \pm 10\%$	
Timer	-	
Max output power	288W	
Ripple voltage	$\leq 170mV$	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	$\geq 94\%$	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	1.3Kg	
Size	220X105X44MM	Casing only
Connector	Refer to order	
5.Safety		
Max. temperature rise	$< 40^{\circ}C$ on casing	
Safety approval	CB/CE/FCC	
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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Shenzhen Green Digital Power-Tech CO., LTD

Shenzhen Green Digital Power-Tech CO., LTD					
TITLE:			MATL:		
MODEL:			G300-XXXXXX		
DES BY:	CAD FILE:	UNIT : mm		TEXTURE NO.	
CHECK BY:	COLOR:	Paper Size:A4		SCALE:	Fit
APP BY:	FINSH/ TREATMENT:			DATE:	
PART NO.:					
CUSTOMER P/N:					