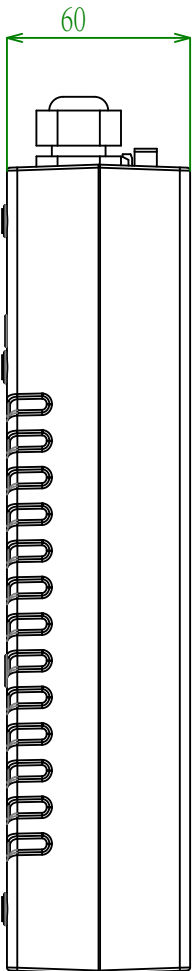
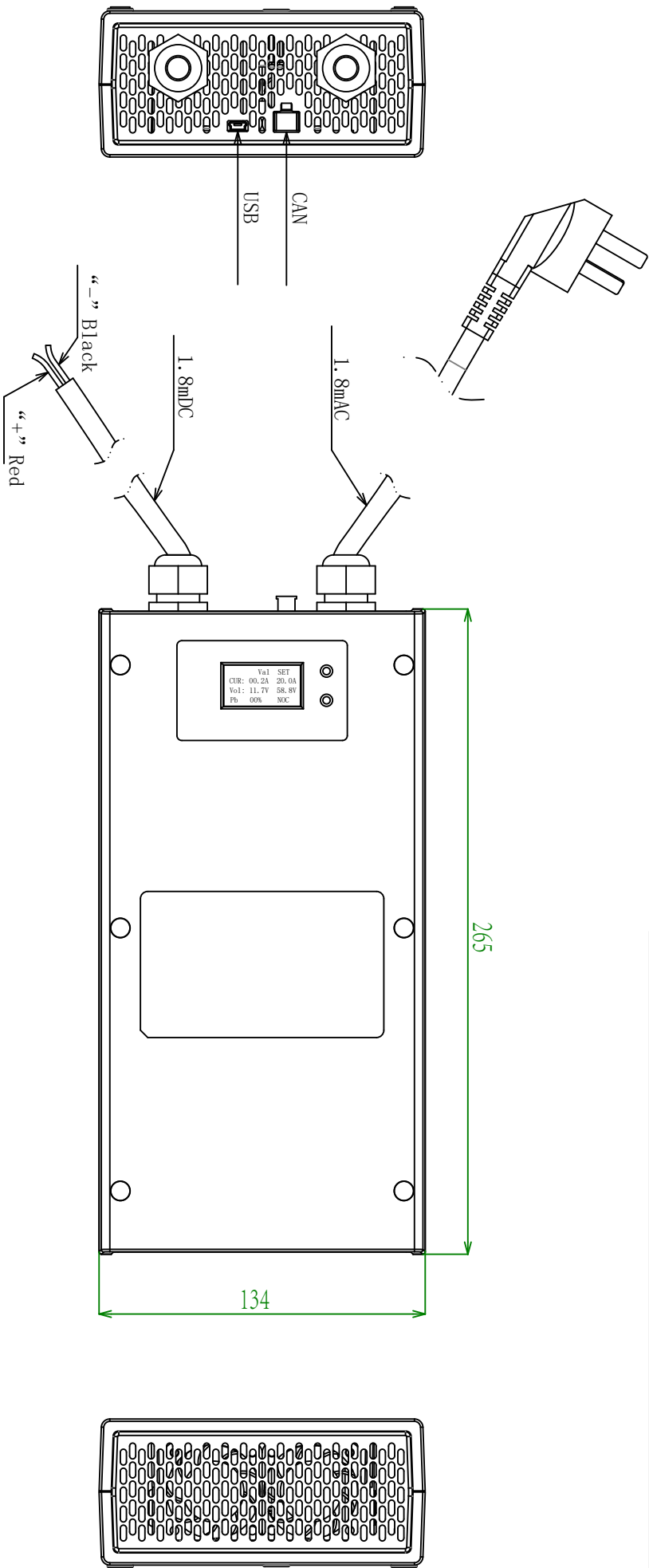


**G1200-840140 (84.0V 14.0A) 20S Li-ion Battery Charger**

Item	Specification	Remark
1.Input		
Rating input voltage	100~240Vac 50/60Hz	
Input voltage range	90~264Vac	
	13.0Arms	Input:100V Output:Full load
PF value	≥ 0.96	
Standby input power	$\leq 4W$	
Max input power	1300W	Input:100V Output:Full load
2.Output		
No load output voltage	DC25.2V $\pm 1\%$	
Output voltage range	DC50.0~84.0V	
Suit with battery type	20S Li-ion battery	
Charging current	14.0A $\pm 10\%$	
Charging voltage	DC84.0V $\pm 1\%$	
Pre-charge	2.8A $\pm 10\%$	Voltage $\leq 60.0V$ Pre-charge
Charge-end current	$\leq 1.3A \pm 10\%$	
Timer	-	
Max output power	1176W	
Ripple voltage	$\leq 840mV$	Full load
LCD	Display voltage, current, capacity	
Communication function	USB/CAN	The battery type (Lead Acid, Lithium battery, Li-Fe Battery), charging voltage and charging current can be set
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	Fan	
Vibration resistance	5MM/50HZ/600S	Non-operating condition
Impact resistance	1 meter drop test 3 times	Non-operating condition
4.Mechanical		
Weight	2.3Kg	
Size	280X135X60MM	Casing only
Connector	Refer to order	
5.Safety		
Max. temperature rise	< 40°C on casing	
Safety approval	EN60950 (LVD) , EN55032 (EMC)	
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:	MODEL:		MATL:
	G1200W-XXXXXX		WEIGHT:
DES BY:	CAD FILE:	UNIT:mm	TEXTURE NO.
CHECK BY:	COLOR:	Paper Size:A4	SCALE: Fit
APP BY:	FINSH/ TREATMENT:		DATE
CUSTOMER P/N:			
PART NO.:			