

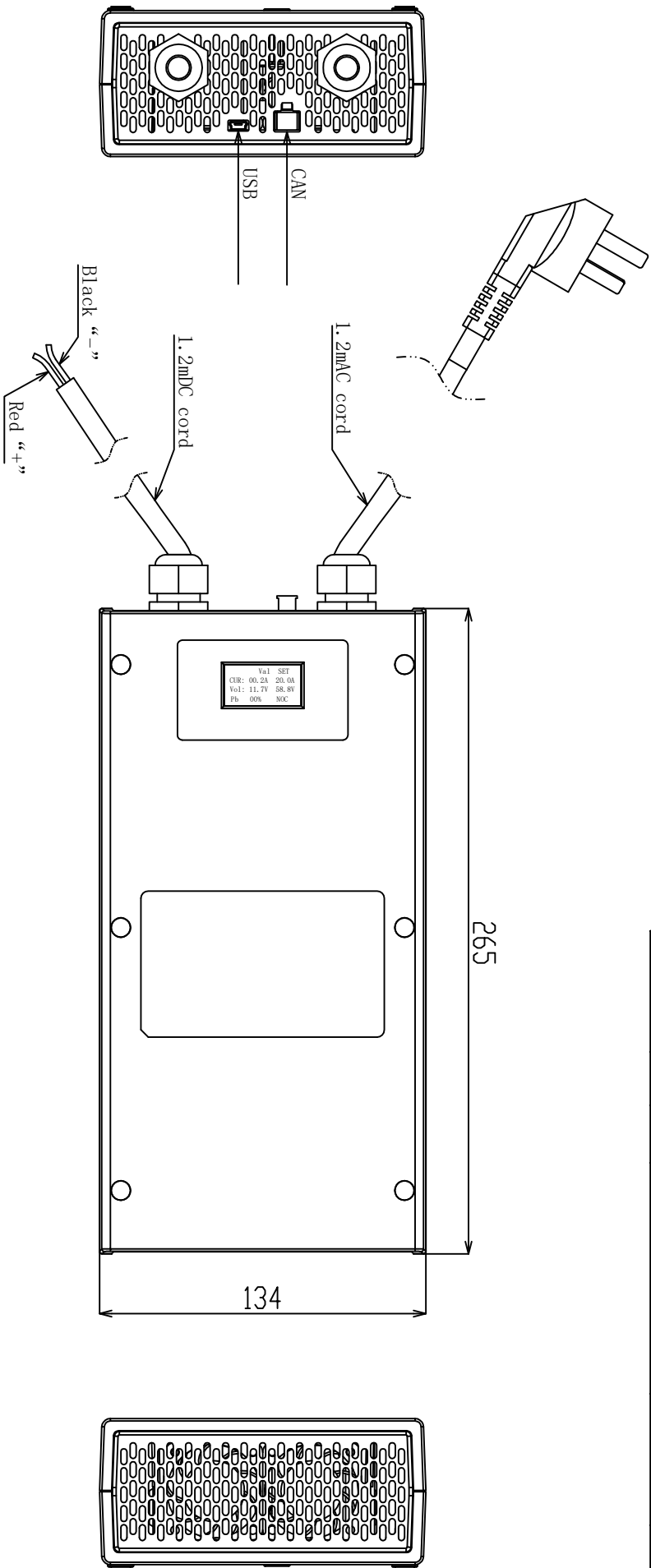


SHENZHEN GREEN DIGITAL POWER TECH CO., LTD

<http://www.green-charger.com>**G1200-588200 (58.8V 20.0A) 14S Li-ion Battery Charger**

Item	Specification	Remark
Input		
Rating input voltage	100~240Vac 50/60Hz	
Input voltage range	90~264Vac	
Rating input current	13.0Arms	Input:100V Output:Full load
PF value	≥ 0.96	
Standby input power	$\leq 4W$	
Max input power	1280W	Input:100V Output:Full load
2. Output		
No load output voltage	$< 10V$	
Output voltage range	DC35.0~58.8V	
Suit with battery type	14S Li-ion battery	
Charging current	20.0A $\pm 10\%$	
Charging voltage	DC58.8V $\pm 1\%$	
Pre-charge	4.0A $\pm 10\%$	voltage $\leq 42.0V$ Pre-charge
Charge-end current	$\leq 2.0A \pm 20\%$	
Timer	-	
Max output power	1176W	
Ripple voltage	$\leq 588mV$	Full load
LCD	Display voltage(Display error $\pm 2\%$), current(Display error $\pm 6\%$), capacity	
Communication function	USB / CAN / RS 485	The battery type (Lead acid, Lithium battery, LiFePO4 battery), charging voltage and charging current can be set by USB interface, Communication with external devices via CAN or RS 485
Shorted	Yes	
Reversed	Yes	
Efficiency	$\geq 93\%$	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	Fan	
Vibration resistance	5MM/50HZ/600S	Non-operating condition
Impact resistance	-	Non-operating condition
4.Mechanical		
Weight	2.5Kg	
Size	265X134X60MM	Casing only
Connector	Refer to order	
5.Safety		
Max. temperature rise	$< 40^{\circ}C$ on casing	
Safety approval	CE cTUVus CB	
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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TITLE: MATL: WEIGHT: MODEL: G1200-XXXXXX

DES BY: CAD FILE: UNIT : mm TEXTURE NO:

CHECK BY: COLOR: Paper Size: SCALE: Fit

PART NO: CUSTOMER P/N: APP BY: FINISH/ TREATMENT: DATE: