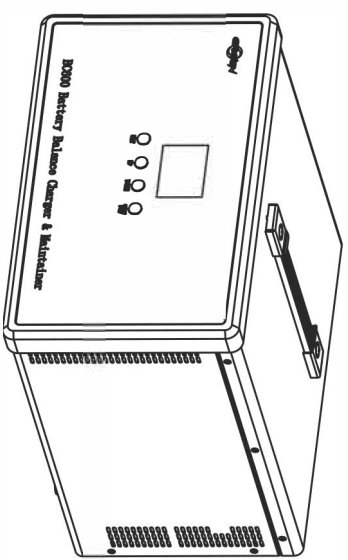
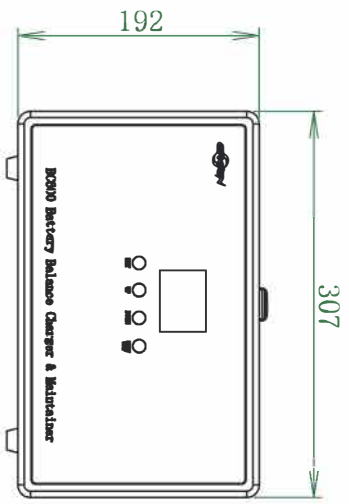
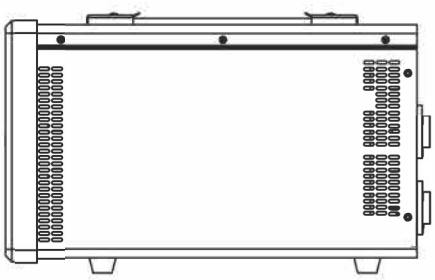
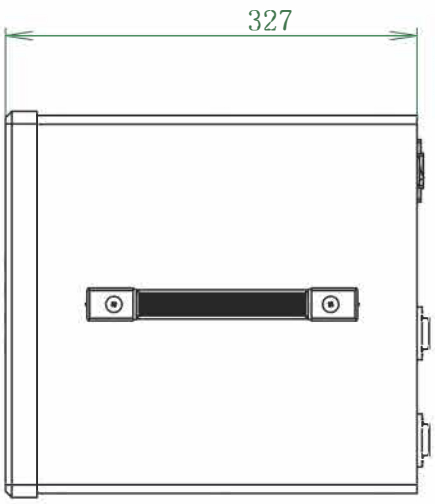


BC600-FL Battery maintainer for 8S Li-ion/Li-Fe

Item	Specification	Remark
1.Input		
Rating input voltage	100~240Vac 50/60Hz	
Input voltage range	90~264Vac	
Rating input current	5Arms	Input:100V Output:Full load
Max input power	576W (3.6V/20A*8)	Input:100V Output:Full load
2.Output		
No load output voltage	DC3.6V /4.2V $\pm 1\%$	
Output voltage range	DC2V-4.3V	
Suit with battery type	100~400AH 4~8S Li-ion/Li-Fe battery	
Charging current	20A $\pm 10\%$	
Charging voltage	DC3.6V /4.2V $\pm 1\%$	
Pre-charge	2A $\pm 10\%$	
Charge-end current	$\leq 1A \pm 10\%$	
Timer	-	
Max output power	640W	
Ripple voltage	$\leq 40mV$	Full load
LCD	Display voltage, current, capacity	
Shorted	Yes	
Reversed	Yes	
Efficiency	$\geq 88\%$	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	7.6kg	
Size	327X307X192	Casing only
Connector	Refer to order	
5.Safety		
Max. temperature rise	< 40°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

TOLERANCE FOR METAL	
DIVISION DIMENSION	TOLERANCE
-10	±0.08
10-30	±0.11
30-50	±0.13
50-80	±0.15
80-120	±0.18
120-180	±0.20
180-250	±0.25
250-400	±0.30



Shenzhen Green Digital Power-Tech CO., LTD

PART NO.:	TITLE:	MATL:
CUSTOMER P/N:	MODEL:	BC600
PROCESS	DES BY:	Jiam
HARDNESS	CHECK BY:	
HARDEN DEPTH	APP BY:	
	CAD FILE:	
	COLOR:	
	FINISH/TREATMENT:	
	UNIT:mm	
	Paper Size:A4	
	SCALE:	Fit
	DATE:	2020.07.30

1 2 3 4 5 6 7 8 9 10

A B C D E F G H