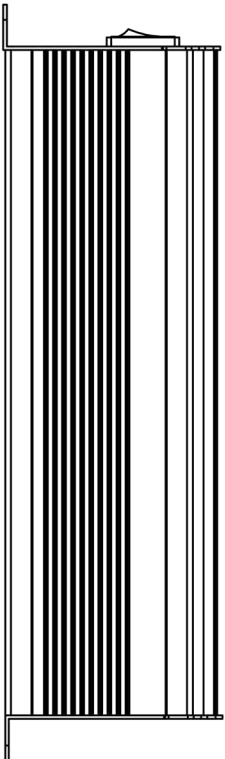
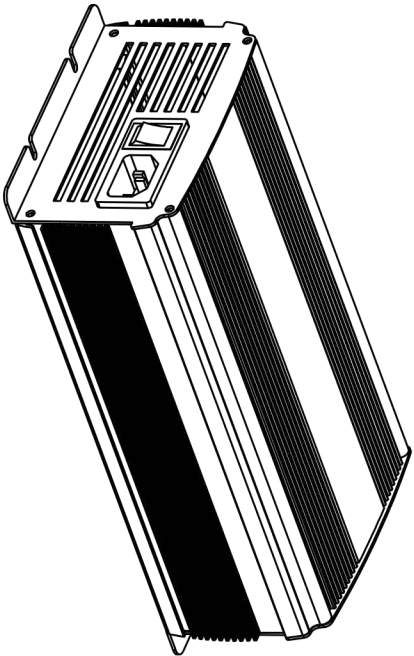
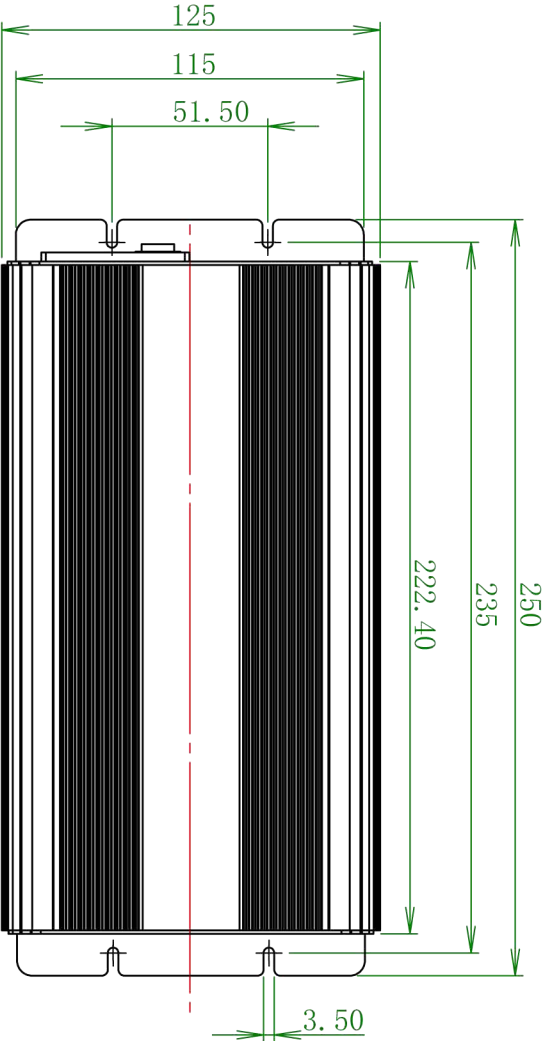
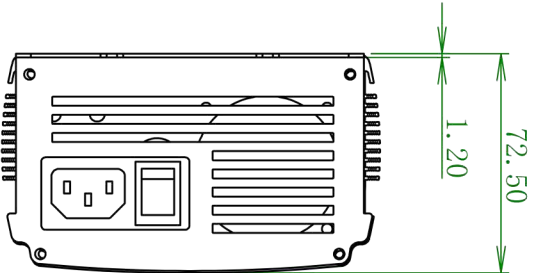




L500-48 (54.6V 8.0A) 13S Li-ion Battery Charger		
Item	Specification	Remark
1.Input		
Rating input voltage	100~240Vac 50/60Hz	
Input voltage range	90~264Vac	
Rating input current	5.5Arms	Input:100V Output:Full load
Max input power	550W	Input:100V Output:Full load
2.Output		
No load output voltage	DC2.7V	
Output voltage range	DC35.0~54.6V	
Suit with battery type	13S Li-ion battery	
Charging current	8.0A $\pm 10\%$	
Charging voltage CV (H)	DC54.6V $\pm 1\%$	
Charge-end current	$\leq 0.4A-0.8A$	
Timer	Single battery voltage>After 4V, Timing 5 hours	
Max output power	436.8W	
Ripple voltage	$\leq 546mV$	Full load
Charging LED	Red:Charging	
	Green:Full charge or idle	
Shorted	Yes	
Reversed	Yes	
Efficiency	$\geq 89\%$	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	1.2Kg	
Size	250X125X72MM	Casing only
Connector	Refer to order	
5.Safety		
Max. temperature rise	< 40℃ on casing	
Safety approval	CE/PSE	
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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TOLERANCE FOR METAL	
A	
DIVISION	TOLERANCE
DIMENSION	
-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



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

深圳市谷润数字电源有限公司

500W

Fit