

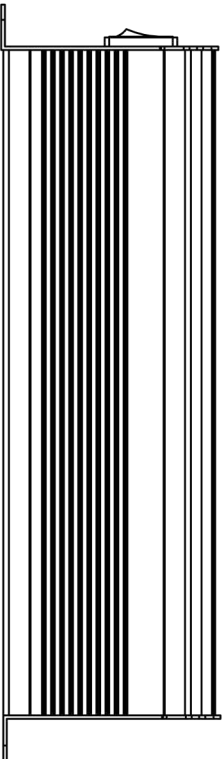
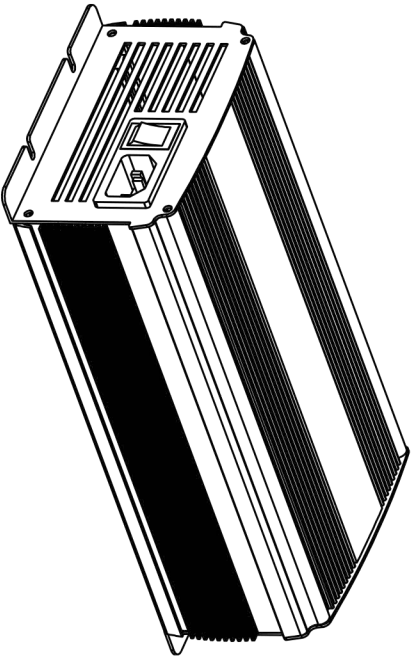
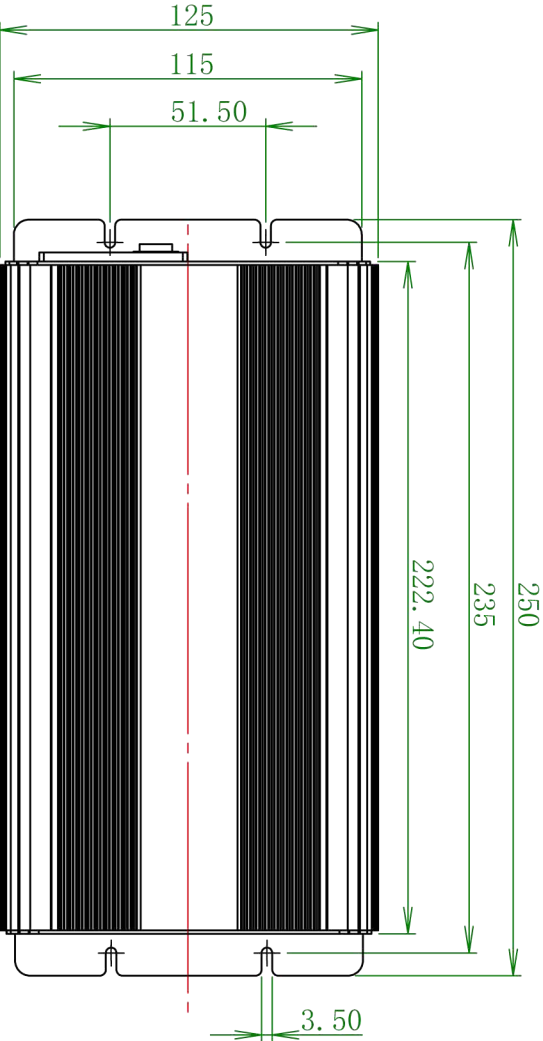
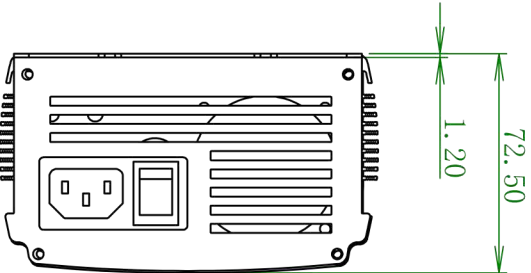


L500-24F (28.8V 12.0A) 8S Li-Fe Battery Charger

项目 Item	规格 Specification	备注 Remark
1.输入特性 Input		
额定输入电压 Rating input voltage	100~240Vac 50/60Hz	
输入电压范围 Input voltage range	90~264Vac	
额定输入电流 Rating input current	5.5Arms	Input:100V Output:Full load
最大输入功率 Max input power	550W	Input:100V Output:Full load
2.输出特性 Output		
空载输出电压 No load output voltage	DC1.65V	
输出电压范围 Output voltage range	DC20.0~28.8V	
适用电池 Suit with battery type	8S LiFePO4 battery	
恒定电流 Charging current	12.0A $\pm 10\%$	
恒定电压 Charging voltage	DC28.8V $\pm 1\%$	
充电结束电流 Charge-end current	$\leq 0.6-1.6A$	
定时器 Timer	单节电池电压>3.45V后, 定时5小时	
最大输出功率 Max output power	345.6W	
纹波电压 Ripple voltage	$\leq 288mV$	满载 Full load
充电指示灯 Charging LED	红色Red:Charging	
	绿色Green:Full charge or idle	
输出短路保护 Shorted	有Yes	
输出反接保护 Reversed	有Yes	
效率 Efficiency	$\geq 87\%$	满载 Full load @220V
3.环境要求 Environment		
工作温度 Operate temperature	-10 ~ +40℃	
工作湿度 Operate humidity	< +90%	相对湿度 Relative humidity
存储温度 Storage temperature	-40 ~ +70℃	
存储湿度 Storage humidity	0 ~ +95%	相对湿度 Relative humidity
冷却方式 Cooling	自然冷却 Natural	
抗振动 Vibration resistance	5MM/50HZ/600S	非运行状况 Non-operating condition
抗冲击 Impact resistance	1 meter drop test 3 times	非运行状况 Non-operating condition
4.结构 Mechanical		
重量 Weight	1.2Kg	
尺寸 Size	250X125X72MM	外壳尺寸Casing only
接线端子 Connector	按客户要求制定 Refer to order	
5.安全特性 Safety		
最大温升 Max. temperature rise	< 40℃ on casing	
安全认证 Safety approval	CE/PSE	
平均无故障时间 MTBF	30000H	
静电等级 ESD	8.0KV	
隔离耐电压 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:				TEXTURE	
HARDNESS				CHECK BY:				SCALE:	
HARDEN DEPTH				APP BY:				DATE:	

深圳市谷润数字电源有限公司

500W		UNIT:mm		Paper Size:A4		SCALE: 1:1	
CAD FILE:		COLOR:		FINISH/TREATMENT:		NO.	