



FUNCTIONS 功能

- Wide temperature range: The built-in lithium battery pack supports a wide temperature operating range of $-40^{\circ}\text{C}\sim 80^{\circ}\text{C}$ (partially supports $-30^{\circ}\text{C}\sim 60^{\circ}\text{C}$), adapts to extreme high and low temperature environments, and meets the needs of special scenarios such as outdoor and industrial. 宽温度范围: 内置锂电池组支持 $-40^{\circ}\text{C}\sim 80^{\circ}\text{C}$ (部分支持 $-30^{\circ}\text{C}\sim 60^{\circ}\text{C}$) 的宽温度工作范围, 适应极端高低温环境, 满足户外、工业等特殊场景需求。
- High energy density: Adopts high-performance lithium battery pack with high energy density, compact size, easy to carry and install. 高能量密度: 采用高性能锂电池组, 能量密度高, 体积小, 便于携带和安装。
- Multiple output interfaces: Provides DC output interface, and some models are also equipped with 5V2A USB-A port to meet the power supply needs of various devices. 多种输出接口: 提供DC输出接口, 部分型号还配备5V2A USB-A端口, 满足多种设备供电需求。
- High power output: The maximum power supports 90W, which can provide sufficient power for high-performance devices. 大功率输出: 最大功率支持90w, 可为高性能设备提供充足电力。
- Large capacity battery: The battery capacity is up to 310.8Wh, with long battery life, meeting the needs of long-term power supply. 大容量电池: 电池容量高达310.8Wh, 续航时间长, 满足长时间供电需求。

Notes:

- * CV: Constant Voltage * WRV: Wide Range Voltage
- * DC port: Generally use 55*21mm or 55*25mm DC port
- * Solutions to adapt to different powered devices can be provided according to customers
- * Support customized voltage/current/capacity/outer packaging/LOGO, etc.

OL3/OL4/OL5 Wide Temperature Range Series

TECHNICAL SPECIFICATION 技术规格

Model 型号	OL3-USB21LT	OL3-DC21LT	OL3-USB31LT	OL3-DC31LT	OL4-632LT	OL4-611LT	OL5-1234LT	OL5-2438LT	OL5-1262LT	OL5-2464LT
Input 输入	8.4V2A 55*21DC		12.6V2A 55*21DC		12.6V2A 55*21DC	25.2V1A 55*21DC	12.6V2A 55*21DC		25.2V1A 55*21DC	
Output 输出	USB 5V2A	5V/9V/12V CV DC	USB 5V2A	5V/9V/12V CV DC	USB 5V2A					
	5.5V ~ 8.4V/2A WRV 55*21DC		8.25V ~ 12.6V/2A WRV 55*21DC		8.25V~12.6V/3A WRV 55*21DC	16.5V~25.2V/3A WRV 55*21DC	8.25V ~ 12.6V/4A WRV 55*21DC		16.5V ~ 25.2V/3A WRV 55*21DC	
Output power(Max) 输出最大功率	18W		24W		36W	60W	60W		90W	
Battery type 电池型号	18650 Lithium-ion: MOLICEL-[2800mAh/3000mAh/3500mAh], YUECHENG-[2000mAh/2900mAh]									
Nominal voltage 标称电压	7.4V		11.1V		11.1V	22.2V	11.1V		22.2V	
Battery qty & capacity 电池数量与容量	2		3		6		12	24	12	24
Rated capacity(option) 额定容量	14.8Wh ~ 25.9Wh		22.2Wh ~ 38.85Wh		44.4Wh ~ 77.7Wh		88.8Wh ~ 155.4Wh	177.6Wh ~ 310.8Wh	88.8Wh ~ 155.4Wh	177.6Wh ~ 310.8Wh
Protection 保护	Over-charge, Over-discharge, Over-current, Overload, Over-temperature and short circuit									
LED indicator light LED指示灯	1 LED lights up at 0%~25% 2 LEDs light up at 26%~50% 3 LEDs light up at 51%~75% 4 LEDs light up at 76%~100%				1 LED lights up at 0%~20% 2 LEDs light up at 21%~40% 3 LEDs light up at 41%~60% 4 LEDs light up at 61%~80% 5 LEDs light up at 81%~100%					
Operating temperature 工作温度	Charging: 0°C to 60°C									
	Discharge: -30°C to 60°C for all models, with some supporting -40°C to 80°C									
Storage temperature 储存温度	-20°C ~ 65°C									
Relative humidity 相对湿度	10%- 90% RH									
Dimension 尺寸	3.94×2.38×0.51 inch / 100×60.5×23 mm				5.83×3.33×1.10 inch 148.0×84.5×28 mm		9.06×3.94×1.65 inch / 230×100×42 mm			
N.W.净重 approx	150g		190g		390g		875g	1500g	875g	1500g
Accessory 配件	1pcs 8.4V2A DC Charger 1pcs 1meter DC Cable		1pcs 12.6V2A DC Charger 1pcs 1meter DC Cable		1pcs 25.2V1A DC Charger 1pcs DC Y-Cable: 1 Male to 2 Female		1pcs 12.6V or 25.2V1A DC Charger 1pcs DC Y-Cable: 1 Male to 2 Female			