

LIRASOM

Trolley Power Bank

2000W 4800Wh



LY-4800YA

FEATURES

With an all-in-one design that includes a bi-directional inverter and MPPT system, it is very easy to transport.



It can be connected to battery power, photovoltaic power and grid to supply it with power, and can store the energy produced by photovoltaic solar energy. When there is a power outage or a high demand for electricity, the energy stored in the system can meet the energy demand and provide uninterrupted power support.

The product can help you realize energy independence.



3 WAYS OF CHARGING:
AC/USB/Car Port, perfect for outdoor use



Supports Android and iOS system Bluetooth function



Modular design to meet the needs of home energy applications



Supports parallel connection of 1-16 battery systems

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SPECIFICATION

Power Station 2000W/4800Wh

Model	LY-4800YA1	LY-4800YAA
Battery Input		
Type	LFP	
Rated Voltage	48V	
Input Voltage Range	37-60V	
Rated Energy	4800Wh	4800Wh
Rated Charging Current	25A	25A
Rated Discharging Current	45A	45A
Maximum discharge current	80A	80A
Battery Cycle Life	2000 times (@25°C, 1C discharge)	
AC Input		
Charging Power	1200W	1800W
Rated Voltage	110Vac	220Vac
Input Voltage Range	90-140V	180-260V
Frequency	60Hz	50Hz
Frequency Range	55-65Hz	45-55Hz
Power Factor(@max.charging power)	>0.99	>0.99
DC Input		
Maximum Input Power from Vehicle Charging	120W	
Maximum Input Power from Solar Charging	500W	
DC Input Voltage Range	10~53V	
DC/Solar Maximum Input Current	10A	

AC Output		
Rated AC Output Power	2000W	
Peak Power	5000W	
Rated Voltage	110Vac	220Vac
Rated Frequency	60Hz	50Hz
Maximum AC Current	28A	14A
Rated Output Current	18A	9A
Harmonic Ratio	<1.5%	
DC Output		
USB-A(x1)	12 .5w, 5V,2 .5A	
QC 3.0(x2)	Each 28w ,(5V,9V,12V),2 .4A	
USB-TypeC(x2)	Each 100w ,(5V,9V, 12V, 20V), 5A	
Cigarette Lighter and DC Port Maximum Output Power	120W	
Cigarette Lighter(x1)	120w.12V.10A	
DC Port (x2)	120w, 12V,10A	
Other Function		
LED Light	3W	
Dimensions of LCD Display (mm)	97*48	
Wireless Charging	10W (Optional)	
Eficiency		
Maximum Battery to AC	92.0%	93.0%
Maxmum AC to Battery	93%	
Protection	AC Output Overcurrent, AC Output Short Circuit, AC Charge Overcurrent AC OutputOver/Under Voltage, AC Output Over/Under Frequency, Inverter Over Temperature ACCharge Over/Under Voltage, Battery Temperature High/Low, Battery/Under Voltage	
General Parameter		
Dimensions(L*W*Hmm)	570*220*618	
Weight	54.5kg	
Operating Temperature	0~45°C(Charging), -20~60C (Discharging)	
Communication Interface	WIFI	

TROLLY POWER BANK



Our portable solar panel offers high solar output, conversion efficiency rating, and a convenient folding design so it's ready to grab and go at anytime.



Charge with a portable power source for outdoor activities such as picnics

Charge your portable power supply or battery and be prepared for disasters



During an RV trip

Trolley Power Bank

PRODUCT FUNCTION

Power Station 2000W/4800Wh

