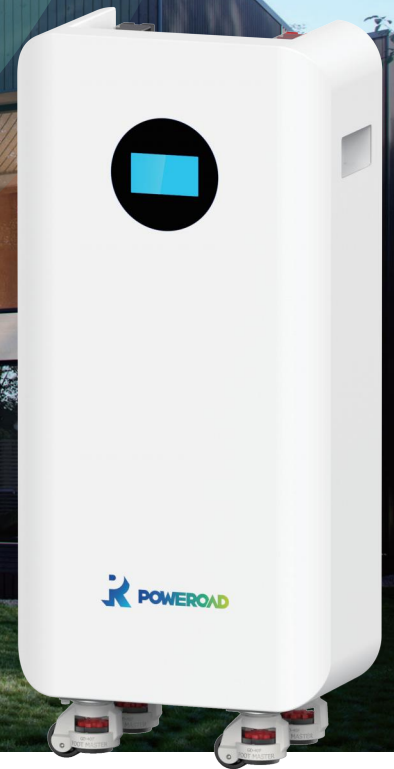




Tervol L16 Floor-Standing Battery

Tervol L16 is a low-voltage lithium-ion phosphate battery designed for household energy storage. With a 16.07kWh capacity, offering a reliable power supply to support a wide range of household appliances without concerns about power interruptions. Moreover, it helps reduce electricity costs by utilizing time-of-use tariffs and shifting usage to off-peak hours.

This battery features a built-in Wi-Fi module, a user-friendly display screen, and real-time monitoring capabilities. In addition, it supports up to 15 parallel units, enabling a total energy capacity ranging from 16.07 kWh to 241.05 kWh.



Easy to Extend

Modular design enables easily extension to 241.05 kWh



Flexible

Compatible with main streaming inverters



Reliable

Grade-A LiFePO4 battery & Own-developed BMS



Safe Guarded

Pre-charge function for a safe initial connection



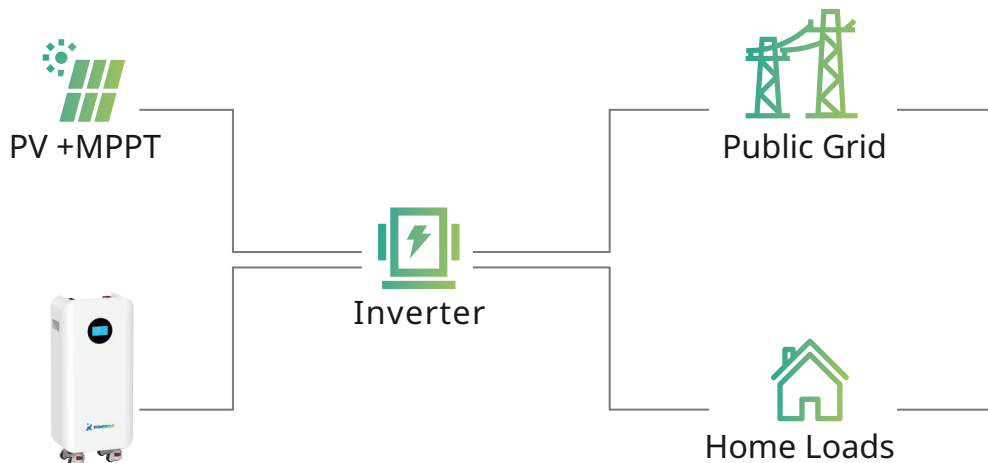
Own-developed IoE

Bluetooth/WiFi connection and RS485/CAN communication available



Convenient

Remote debugging / upgrading /pairing with inverters





Tervol L16 Floor-Standing Battery

TECHNICAL PARAMETER

Model	H-L51314
Voltage	51.2 V
Cell Capacity	314 Ah
Battery Capacity	16.07 kWh
Scalability	Max. 15 pcs in parallel (241.05 kWh)
Continuous Charge Current	150 A
Max. Charge Current	160 A @ 60S
Continuous Discharge Current	200 A
Peak Discharge Current	210 A @ 60S
Degree of Protection	IP20
Charging Temperature	0~50 (-20~50 with heating)
Discharging Temperature	-20 ~ 55 °C
Heating	Optional
Fire Extinguisher	Aerosol (optional)
Humidity	0 ~ 95 % (No Condensing)
Weight	140 kg
Dimensions (W × D × H)	440 × 240 × 970 mm
Cycle Life*	8000
Communication	RS485, CAN / Wi-Fi / Bluetooth
Display	4.3-inch touch screen
Certificate	CE-EMC, UN38.3, MSDS, IEC62619

* Test conditions: 0.5C Charging& Discharging. @25°C, 80% DOD

Compatible inverters



PowerRoad Renewable Energy Co., Ltd.

Office: 18th Floor, F5 Building, Xiamen Software Park III, Jimei District, Xiamen, Fujian, China 361023
 Factory: Building 7-1, No. 1068, Jimei North Avenue, Jimei District, Xiamen City, Fujian, China 361023

+86 592 5558101
 sales@poweroad.com
 www.poweroad.com

POWERROAD reserves the right to modify the specifications and features without prior notice.