

VR - B16 - LV

16.07kWh



Home Energy Storage Battery

The VR - B16 - LV is a 16.07kWh high-capacity lithium iron phosphate (LiFePO_4) battery designed for residential and light commercial energy storage systems.

It delivers enhanced energy density, long service life, and stable performance for daily solar self-consumption and backup power applications.



**WiFi / Bluetooth Remote
Monitoring (Optional)**



Battery Equalization
Advanced Battery Equalization for
Mixed SOC Modules



**Up to 64 Modules
in Parallel**



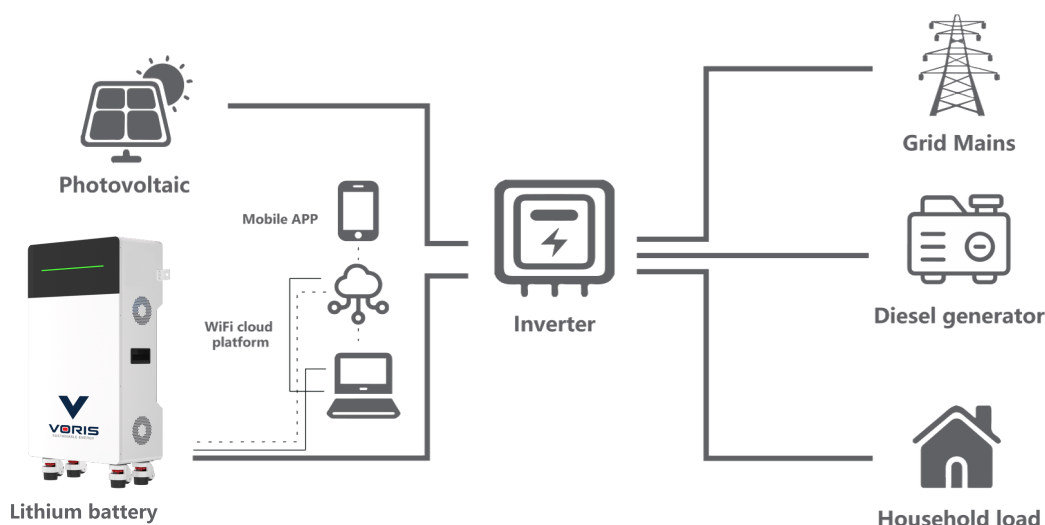
**Wide Inverter
Compatibility**



**Comprehensive
Multi-Layer Protection**



**5-Year
Standard Warranty**



Product Model	VR - B16 - LV
Nominal Energy	16.07kWh
Nominal Voltage	51.2V
Nominal Capacity	314Ah
Cell Type	LFP
Standard Charge Voltage	56.8V
Max.Charge/Discharge Current	200A
Rated Charging and Discharging Current	100A
Discharge Cut-Off Voltage	44.8V
Parallel Function	Parallels: Default 16 (Optional: up to 33 or 64)
Communication Interface	USB/RS485/CAN
Cycle Life	≥10000 Cycles (25°C±, 0.35C, 90%DOD@65%EOL)
Charge Temperature Range	0~55°C
Discharge Temperature Range	-20~55°C
Certification	Pack: CEI 0-21/CE/IEC 62619/UL1973 by Intertek/MSDS/UN38.3 Cell: UL1642/IEC 62619/CE/EMC/ROHS/MSDS/UN38.3
Dimension	490*840*247mm (Excluding Wheels)
Net Weight	122Kg
Installation Method	Wall-Mounted/Floor Standing
Warranty	5 years warranty
Energy Throughput ^[1]	70MWh
Display	LED Light
Optional	Fire Extinguishing, Module WiFi, Remote Monitoring
Protection	IP20 Waterproof rate, Over charge/discharge/current/voltage/temperature protection, Short circuit protection, Reverse connection protection, Charge balance, Low SOC protection

[1] Conditions apply, refer to warranty letter.