

LiFePO4 Battery

51.2V/5.12KWH



APP Monitoring (optional)
Real-time monitoring
& Remote upgrade available



Module Design
Flexible expansion



Easy Installation
Stackable with
flexible brackets



High Safety LFP
Cell level monitoring and balancing



Wide Compatibility
Matching with leading inverters

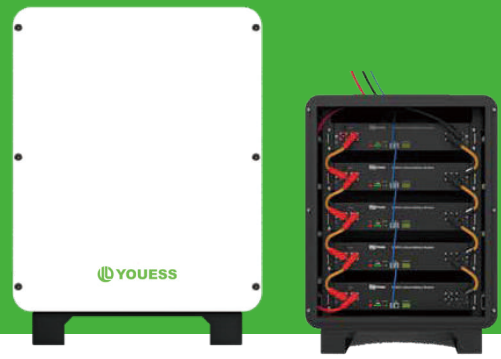
Technical Specifications

Model	LVS-BAT
Battery Type	LiFePO4
Nominal Battery Energy	5.12 kWh
Nominal Capacity	100Ah
Nominal Voltage	51.2V
Operating Voltage	48V
Recommended Charge & Discharge C Rate	0.5C
Recommended Charge/Discharge Current	50A
Max. Power Charge/Discharge Current	75A
Peak Power Charge/Discharge Current	75A (10s)
Depth of Discharge (DOD)	95%
Net Weight	44kg
Dimension[W*D*H]	481*535*140 mm
Charging Temp. Range	0~55°C
Discharging Temp. Range	-20~55°C
Communication	CAN/RS485/RS232
Cycle Life ^[1]	≥6000 Cycles
Ingress Protection Level	IP20
Expansion	Up to 32 units in parallel
Pros	Can be used in both off-grid and hybrid setups, compact design
Certificates & Safety Standard	UN38.3/CE-EMC/IEC62619
Compatible Inverters	SMA/Victron/Ingeteam/Delios/Goodwe/Solis /Deye/SAJ/Voltronic/Sungrow etc.

[1]Test conditions: 0.2C Charging/Discharging, @25°C, 80% DOD

LiFePO4 Battery

51.2V25.6KWH



Model	iRack-LVS 25.6
Battery Type	LiFePO4
Nominal Battery Energy	25.6 kWh
Nominal Capacity	500Ah
Nominal Voltage	51.2V
Operating Voltage	48V
Recommended Charge/Discharge Current	100A

Features and advantages

- Compact Size & Light Weight
- High Power Output & Usable Energy Ratio
- Modular Design & Expandable System
- Safest Battery & Perfect Compatibility
- Natural cooling & Easy Installation
- Certifications Available



LiFePO4 Battery

51.2V/61.44KWH

Model	iRack-LVS 61.44
Battery Type	LiFePO4
Nominal Battery Energy	61.44kWh
Nominal Capacity	1200Ah
Nominal Voltage	51.2V
Operating Voltage	48V
Recommended Charge/Discharge Current	300A



LVS-BAT



iRack-LVS 61.44



Up to 32 Modules