



VB4850

ENERGY STORAGE SOLUTIONS

Dyness RV battery VB4850 is tailor made for outdoor campers. It adopts the most advanced LiFePO4 technology with safety performance and longer cycle life, which offers you sufficient capacity to meet your requirements.

Features and Advantages



Quick Installation
Black Start function



Communication
CAN / RS485 / DRY CONTACT



Wide Temperature
Range of -20~55°C



Lifespan
≥ 6000 Cycles



High Safety
LFP & smart BMS



Light Weight
Compact Design

Technical Parameters

| Model | VB4850 |
|--------------------------------------|--|
| Battery Type | LiFePO4 |
| Nominal Battery Energy | 2.4kWh |
| Nominal Capacity | 50Ah |
| Nominal Voltage | 48V |
| Operating vol. Range | 42-54V |
| Nominal Power Output | 1.2kW |
| Recommended Charge/Discharge Current | 25A |
| Depth of Discharge | 90% |
| Net Weight | ≈28.2kg |
| Dimension[W*D*H] | 368*216*312mm |
| Charging Temp. Range | 0~55°C |
| Discharging Temp. Range | -20~55°C |
| Communication | CAN/RS485/DRY CONTACT |
| Warranty | 4 Years |
| Warranty Document Supplied | Yes |
| Calendar Life ^[1] | ≥6000 Cycles |
| Protection Level | IP20 |
| Expansion | Up to 40 modules in parallel |
| Alarms | Overcharge/Overdischarge/Overcurrent/ Overtemperature/Short Circuit |
| Compatible Inverters | Goodwe/Victron/Imeon/Solis/Luxpower/Growatt /GMDE/Sofar/Voltronic/Deye etc. |

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