



## **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

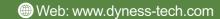


High Safety
LFP & smart BMS



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





