

# VB48100

DYNES RV battery VB48100 with its high capacity and good performance is there to ensure your “mobile home” has the power for electronic accessories and protection against deep discharge damage. The reliable LiFePO4 technology ensures maximum safety and a longer life cycle.



**Compact Design**  
Light weight &  
small size



**High Safety**  
LFP & smart BMS



**Wide Application**  
Applied in kinds of RVs

# Technical Specifications

Model	VB48100
Battery Type	LiFePO4
Nominal Battery Energy	4.8 kWh
Nominal Capacity	100Ah
Nominal Voltage	48V
Operating Voltage	42~54.75V
Recomended Charge & Discharge C Rate	0.5C
Recommended Charge/Discharge Current	50A
Max. Power Charge/Discharge Current	75A
Peak Power Charge/Discharge Current	100A (15S)
Depth of Discharge (DOD)	90%
Net Weight	54 kg
Dimension[W*D*H]	415*394*311 mm
Charging Temp. Range	0~55°C
Discharging Temp. Range	-20~55°C
Communication	CAN/RS485/RS232
Cycle Life <sup>[1]</sup>	≥6000 Cycles
Protection Level	IP20
Expansion	Up to 30 units in parallel
Pros	Used as electricity power for RV
Certification & Safety Standard	UN38.3
Compatible Inverters	SMA/Victron/Ingeteam/Delios/Goodwe/Solis /Deye/SAJ/Voltronic/Sungrow etc.

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