

# RV12100

Dyness RV12100 is tailor-made for outdoor travel. It adopts the most advanced LiFePO4 technology and built-in smart BMS, ensuring superior performance and long cycle life. Up to 16 modules in parallel, it offers you sufficient energy options to meet different requirements.



**Compact Design**  
Light weight &  
small size



**High Safety**  
LFP & smart BMS



**Wide Application**  
Applied in kinds of RVs



**Wide Temperature Range**  
Range of -20~55°C

# Technical Specifications

Model	RV12100
Battery Type	LiFePO4
Nominal Battery Energy	1.28 kWh
Nominal Capacity	100Ah
Nominal Voltage	12.8V
Operating Voltage	11.2 ~ 14.6V
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	14 kg
Dimension[W*D*H]	306*183*185 mm
Charging Temp. Range	0~55°C
Discharging Temp. Range	-20~55°C
Communication	CAN/RS485
Cycle Life <sup>[1]</sup>	≥6000 Cycles
Protection Level	IP20
Expansion	Up to 16 units in parallel
Pros	Used as electricity power for RV
Certification & Safety Standard	UN38.3
Compatible Inverters	Steca/MUST/Victron

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