



# RV12100

## ENERGY STORAGE SOLUTIONS

Dy Ness 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.

## Features and Advantages



**High Safety**  
LFP & smart BMS



**Wide Application**  
Applied in kinds of RVs



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



**Compact Design**  
Light weight & small size

## Technical Parameters

Model	RV12100
Battery Type	LiFePO4
Nominal Battery Energy	1.28kWh
Nominal Capacity	100Ah
Nominal Voltage	12.8V
Operating vol. Range	11.2-14.6V
Recommended 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	85%
Net Weight	14kg
Dimension[W*D*H]	306*183*185mm
Charging Temp. Range	0~55°C
Discharging Temp. Range	-20~55°C
Communication	CAN/485
Calendar Life <sup>[1]</sup>	≥6000 Cycles
Protection Level	IP20
Expansion	Up to 16 modules to 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