



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 ^[1]	≥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