



Dyness RV battery VB4850 and VB48100 is tailor-made for outdoor campers. It adopts LFP technology with safe performance and long cycle life, which offers a stable power source even in outdoor scenarios.



**Quick Installation**



**High Safety**



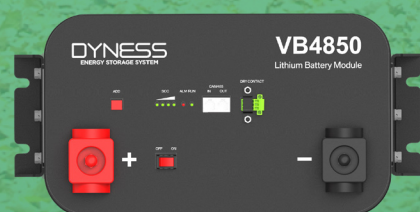
**Various Communication Modes**



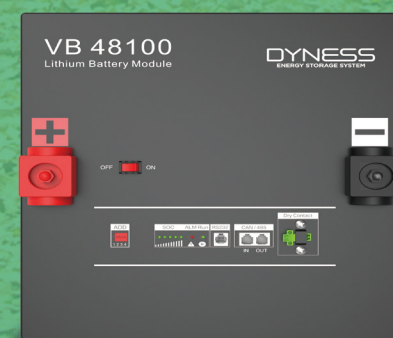
**Long Lifespan**

Model	VB4850	VB48100
Battery Type	LiFePO4	LiFePO4
Nominal Battery Energy	2.4kWh	4.8kWh
Nominal Capacity	50Ah	100Ah
Nominal Voltage	48V	48V
Charging Cut-off vol.	54V	54V
Discharging End-of vol.	42V	42V
Recommended C Rate	0.5C	0.5C
Recommended Charge/Discharge Current	25A	50A
Depth of Discharge	90%	90%
Weight	≈61.721bs	≈119.05lbs
Dimension [W*D*H, inch]	14.49*8.50*12.28	16.34*15.51*12.24
Charging Temp. Range	32°F ~ 131°F	32-131°F
Discharging Temp. Range	-4°F ~ 131°F	-4°F ~ 131°F
Communication	CAN/RS485	CAN/RS485/RS232
Configuration	Up to 40 modules in parallel	Up to 30 modules in parallel
Warranty	5 Years	
Warranty Document Supplied	Yes	
Calendar Life	≥6000	
Enclosure Protection	NEMA 1	
Alarms	Overcharge/Overdischarge/Overcurrent/ Overtemperature/Short Circuit	
Compatible Inverters	Goodwe/Victron/Imeon/Solis/Luxpower/Growatt/GMDE/Sofar/Vo ltron/SMA/Ingeteam/Delios/SAJ/Sungrow etc.	
Certification & Safety Standard	UN38.3	

[1]Test conditions:0.2C Charging/Discharging,@77 ℉,90% DOD



**VB4850**



**VB48100**