

Dyness Rack System LV2

Dyness 48V PowerRack LV2 system with its smart BMS in each battery module, no extra communication devices needed.

The entire system is intelligently managed. Keep you powered on all the time, cut the charges now.



Features and Advantage

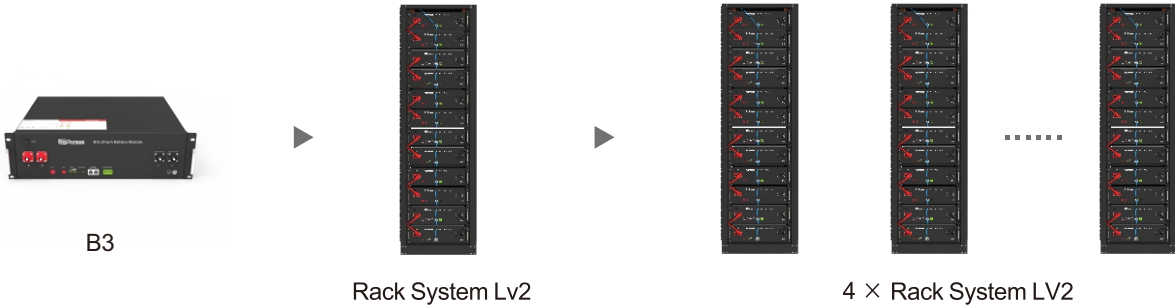
-  **High Safety LFP**
Cell level monitoring and balancing
-  **Modular Design**
Free parallel configuration
-  **Expandable**
Capacity from 3.6 to 144kWh
-  **Wide Application**
Cover all needs in commercial fields
-  **Wide Compatibility**
Matching leading inverter brand
-  **19" Inch**
Easy installation & maintenance

Dyness Rack System LV2

Technical Parameters of B3

Model		B3
Battery Type		LiFePO4
Nominal Battery Energy		3.6kWh
Nominal Capacity		75Ah
Nominal Voltage		48V
Net Weight		30kg
Dimension(W*D*H)		480*360*130mm
Charging Temp. Range		0-50°C
Discharging Temp. Range		-20-50°C
Communication		CAN / RS485
Design Life		10+ Years
Calendar Life ^[1]		>6000 Cycles
Protection Level		IP20
Expansion		Up to 40 units in parallel
Compatible Inverters		Victron/SMA/Goodwe/Imeon/Solis/SAJ/Growatt/Luxpower /Voltronic/Deye etc.
Certification & Safety Standard		TUV/CE/IEC62619/IEC62040/UN38.3

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



Technical Parameters

Model	Rack System LV2	
Rack Type	PowerRack LV2-8P	PowerRack LV2-12P
Battery Module Type	B3	B3
Battery Module Quantity	8 units	12 units
Battery Type	LFP	LFP
Nominal Battery Energy	28.8kWh	43.2kWh
Nominal Capacity	600Ah	900Ah
Nominal Voltage	48V	48V
Operating Vol. Range	42-54V	42-54V
Nominal Power Output	9.6kW	14.4kW
Max. Power Output	19.2kW	28.8kW
Recommend Charging Current	200A	300A
Recommend Discharging Current	200A	300A
Net Weight	339kg	494kg
Dimension(W*D*H)	601*510*1393mm	601*510*2013mm
Module Quantity and Configuration	8 Units in parallel	12 Units in parallel