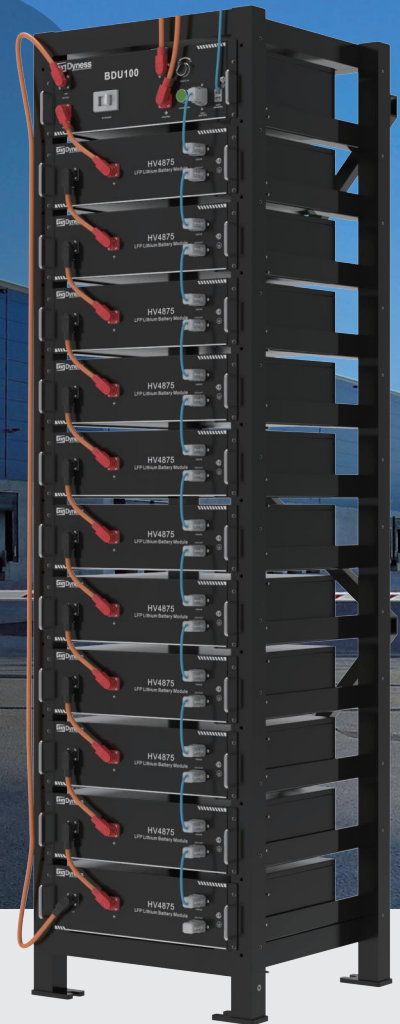


PowerRack HV2

Dyness high voltage PowerRack HV2 system is equipped with an intelligent battery control unit in each battery cluster, ensuring high-safety and high-efficiency system operation. The entire system is intelligently managed. Keep you powered on all the time, cut the charges now.



Tailor-made Cabinet
Suitable for multi-module installation



High Safety LFP
LFP & smart BMS



High Voltage
High system efficiency



Wide Application
Cover all needs in commercial fields

Technical Specifications

Model	HV4875
Battery Type	LiFePO4
Nominal Battery Energy	3.6kWh
Nominal Capacity	75Ah
Nominal Voltage	48V
Net Weight	31.5kg
Dimension(W*D*H)	481*410*133mm
Charging Temp. Range	0-55°C
Discharging Temp. Range	-10-55°C
Communication	CAN
Cycle Life ^[1]	>6000 Cycles
Protection Level	IP20
Expansion	Up to 16 units in series
Compatible Inverters	Goodwe/Solis/SAJ/Sinexcel/Hoymiles/Growatt/Ecatus/Sermatec /ATESS/Sunways etc.
Certification & Safety Standard	UN38.3/UL1642(Battery Cell)

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

Model	PowerRack HV2	
Rack Type	PowerRack HV2-7s	PowerRack HV2-11s
Battery Module Type	HV4875	HV4875
Battery Module Quantity	7 units	11 units
Nominal Battery Energy	25.2kWh	39.6kWh
Nominal Capacity	75Ah	75Ah
Nominal Voltage	336V	528V
Operating Vol. Range	294-378V	462-594V
Nominal Power Output	15.12kW	23.76kW
Max.Power Output	25.2kW	39.6kW
Recommend Charging Current	37.5A	37.5A
Recommend Discharging Current	37.5A	37.5A
Net Weight	295.5kg	446.7kg
Dimension(W*D*H)	601*510*1393mm	601*510*2013mm
Rack System Control unit Type ^[1]	BDU100	BDU100
Module Quantity and Configuration	7 Units in series	11 Units in series

[1]HV4875 battery module need to be used with BDU100 control unit