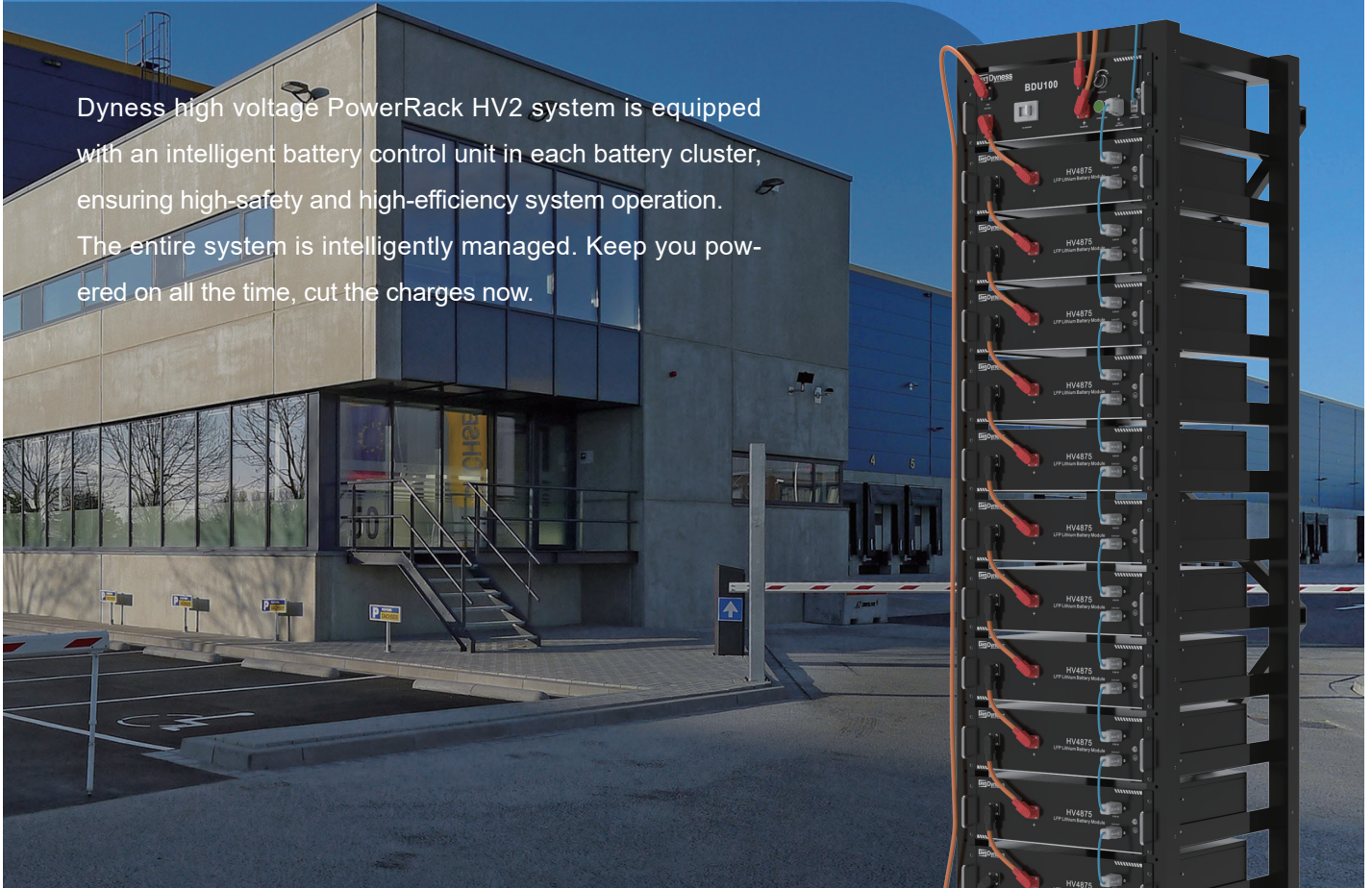# PowerRack HV2

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 effeiciency

### 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, 95% 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

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