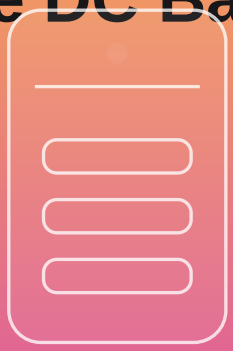
Powerlily Sample High-Voltage DC Battery

PL-30HVDC

A fictional 30.72 kWh high-voltage LFP bank for the PL-15000H3 sample hybrid inverter.



POWERLILY SAMPLE EQUIPMENT

Key specifications	
Total capacity	**30.72 kWh**
Usable energy	**29.2 kWh**
Continuous power	**20.0 kW**
DC range	**537.6-700.8 V**
Dimensions (H x W x D)	**60.0 in x 24.0 in x 24.0 in**

High-voltage DC bank

Models a complete commercial storage bank rather than a low-voltage residential module.

40 A BMS limit

The sample BMS permits 40 A continuous charge and discharge.

Single complete bank

The sample data explicitly says not to series-stack complete banks.

POWERLILY

Powerlily Sample High-Voltage DC Battery

PL-30HVDC | SAMPLE DATA

Product details	
Model number	PL-30HVDC
Description	Sample complete high-voltage LFP bank for PL-15000H3. BMS permits 40 A continuous charge/discharge; 20 kW DC across its voltage range. Do not series-stack complete banks.
Battery chemistry	Lithium Iron Phosphate
Coupling	DC-coupled
Limited warranty	10 years

Energy	
Total capacity	30.72 kWh
Usable energy	29.2 kWh
Depth of discharge	95%
Round-trip efficiency	95%

DC interface	
Minimum DC voltage	537.6 V
Maximum DC voltage	700.8 V
Continuous charge current	40 A
Continuous discharge current	40 A
Continuous charge power	20.0 kW
Continuous discharge power	20.0 kW

Mechanical data	
Dimensions (H x W x D)	60.0 in x 24.0 in x 24.0 in
Weight	650.0 lb

Compatibility	
Sample hybrid inverter	Powerlily PL-15000H3
Series stacking complete banks	Not supported by sample definition