

HV48100



Features



Safety-oriented

LFP Chemistry, Grade A Cells & Field-Proven Modular BMS Built-In



Powerful

High Power Output, Suitable for Quick Burst Energy Required Applications



Scalable & Flexible

On-demand Configurations, Ideal for Residential, Commercial & Industrial Use



Compatibility

Field Integrated Solutions, Flexibility in Module Voltage Meets Leading Inverters



High Energy Efficiency

Higher Energy Density & Lower Resistive Losses



Smart

Remote Upgrading & Monitoring

HV48100 Specs

HV48100 BCU

Controller Working Voltage	200V~870V
Self-consumption Power	7.56W
Dimensions (W*D*H)	19.06*20.09*5.51 inch
Weight	29.32 lbs

HV48100 BMU

Cell Type	LFP
Nominal Energy	5.12kWh
Nominal Voltage	51.2V
Nominal Capacity	100Ah
Continuous Discharging/Charging Current	50A _{dc}
Voltage Range	45.5~58V
Dimensions (W*D*H)	19.06*20.87*5.51 inch
Weight	94.8lbs

HV48100 System

BMU Qty. (Optional)	5~15
Depth of Discharge	80%
Dimensions (W*D*H)	23.62*25.2*61.22 inch
Weight (Cabinet+BCU+BMU)	197.5 lbs+29.32 lbs+94.8 lbs*n
Cycle Life	≥6000 cycles
Operation Temperature	-4°F~140°F
Storage Temperature	-22°F~140°F
Operation Humidity	0~95%, No Condensation
Protection Level	IP20

Certifications

UL9540 Ed.2 (2020), UL9540A, UL1973

Compatibility List of PYTES ESS and Inverters



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Installation Guide
Video



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