

ONLY-HV-5 1.2-100AH



Convenient

Quick installation, standard of 19-inch embedded designed module is comfortable for installation and maintenance.



Safe and Reliable

Cathode material is made from LiFePO₄ with safety performance and long cycle life, The module has less self-discharge, up to 6 months without charging it on shelf, no memory effect, excellent performance of shallow charge and discharge.



Intelligent BMS

It has protection functions including over-discharge, over-charge, over-current and over-high or low temperature. The system can automatically manage charge and discharge state and balance current and voltage of each cell.



Eco-Friendly

The whole module is non-toxic, non-polluting and environmentally friendly.



Flexible Configuration

Multiple battery modules can be in parallel for expanding capacity and power. Support USB upgrade, wifi upgrade (optional), remote upgrade (Compatible with Deye inverter).



Wide Temperature

Working temperature range is from -20° C to 55° C, with excellent discharge performance and cycle life.



MODEL		Feature value
Cell chemistry		LiFePO4
Module energy(kWh)		5.12
Module nominal voltage(V)		51.2
Module capacity(Ah)		100
Cell model/ Configuration		3.2V 100Ah /160S1P
System nominal voltage(V)		512
System operating voltage(V)		432 to 560
System energy(kWh)		51.2
Charge/ Discharge Current(A)	Recommend	50
	Max	100
Working temperature		Charge: 0°C~55°C ; Discharge: -20°C~55°C
Communication port		CAN2.0/RS485/WIFI
Humidity		5~85%RH Humidity
Altitude		≤2000 m
IP rating of enclosure		IP20
Dimension(W*D*H,mm)		538*492*1691
Weight approximate(kg)		465
Installation location		Rack Mounting
Storage temperature(°C)		0°C~35°C
Recommend depth of discharge		90%
Cycle life		25±2°C, 0.5C/0.5C, EOL70%≥6000