

Home Solar Power & Energy Storage Solution

# EcoStor R High Voltage Battery

ES-H5000



## EcoStor R High Voltage Battery



### Technical Parameters

Number of Battery Modules in Series	8
Nominal Voltage	409.6V
Manage Battery Capacity	100Ah
Module Energy	5.12kWh
Module Nominal Voltage	51.2V
Operation Voltage Range	371.2V~467.2V
Manage Battery Energy	40.96kWh
Recommend Charge Current	50A
Max. Continuous Charge Current	100A
Recommend Discharge Current	50A
Max. Continuous Discharge Current	100A
Operating Temperature	Charge 0~50°C (32~122°C), Discharge -10~55°C(14~131°C)
Communication to Inverter	RS485 / CAN
Display	LED Indicator, LCD Display (Optional)
Cycle Life	≥6000 Cycles @25°C @60%EOL @0.2C charge & 0.5C Discharge, 80% DOD
Module Dimension(W*D*H)	546*584*1560mm (21.4*22.9*61.4 inch)
Battery Module Weight	≈45kg (99.2 lbs)
Dimension(W*D*H)	546*525*2100mm(12 Module)
Cell Type	LFP-Lithium Iron Phosphate (LiFePO4)
Protection Rating	IP20
Compatible Inverters	Goodwe/Solis/SOFAR/Deye/Megarevo/SAJ/Atess/Solinteg
Attitude	≤4000m
Installation Location	Rack Mounted
Certification	UN38.3