

HIGH VOLTAGE BATTERIES FROM FoxESS

FoxESS Mira HV25 BATTERY MODULE



The Mira HV25 is a high-performance, scalable battery storage module. The modular design allows for maximum flexibility, making it suitable for a broad range of storage applications.

Additional batteries can be installed in series, allowing for a maximum storage capacity of 19.66kWh. Installation is easy, with a plug and play solution that can save valuable time for installers.



- 2.45kWh Capacity
- Scalable to 19.66kWh
- Wide Temperature Tolerance
- Easy Installation
- CAN Communication
- High Voltage



**High
Voltage**



**Easy
Installation**



**High
Efficiency**



**Expandable
System**

FoxESS Mira HV25

BATTERY MODULE

Model	HS5	HS7.5	HS10	HS12.5	HS15	HS17.5	HS20
Battery Type	LiFePO4 Prismatic Cell						
Battery Module	1*Mira-BMS 2*Mira-HV25	1*Mira-BMS 3*Mira-HV25	1*Mira-BMS 4*Mira-HV25	1*Mira-BMS 5*Mira-HV25	1*Mira-BMS 6*Mira-HV25	1*Mira-BMS 7*Mira-HV25	1*Mira-BMS 8*Mira-HV25
Nominal Capacity (kWh)	4.91	7.37	9.83	12.28	14.74	17.20	19.66
Usable Capacity (kWh)	4.76	7.15	9.53	11.91	14.29	16.68	19.06
Nominal Voltage (V)	102.4	153.6	204.8	256	307.2	358.4	409.6
Operating Voltage (V)	86.4 – 116.8	129.6 – 175.2	172.8 – 233.6	216 – 292	259.2 – 350.4	302.4 – 408.8	345.6 – 467.2
Recommend Discharge Current (A)	24						
Max.Charge/Discharge Current (A)	48						
Peak Discharge Current (A)	60A @30sec						
Cycle Life* ¹	≥4000						
Communication	CAN						
Display	Mira-HV25: 2*LED, Mira-BMS: 7*LED						
Scalability	Max. 8 Modules in Series						
Operating Conditions							
Installation Location	Indoor (Stand)						
Operating Temperature (°C)	-10 – 55						
Storage Temperature (°C)	-10 – 35						
Cooling method	Natural Convection						
Humidity	5% to 95% (no condensing)						
Altitude (m)	Max. 2,000						
Mechanical Characteristics							
Dimensions (W*H*D) (mm) [Mira-BMS]	480*122*420						
Weight (kg)) [Mira-BMS]	8.3						
Dimensions (W*H*D) (mm) [Mira-HV25]* ²	480*122*420						
Weight (kg) [Mira-HV25]* ²	26						
Certificates							
Safety	IEC 62619, IEC 62477-1						
EMC	EN IEC 61000-6-1/2/3/4						
Transportation	UN38.3						
Ingress Protection	IP21						

*1 25 °C, @0.5C charging/discharging, 80% SOH

*2 Bare weight and dimensions for 1 pcs Mira-HV25, excluding cables and brackets

*3 Refer to FoxESS Battery Warranty Terms and Conditions