

# Fox ESS 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]	60 @30sec						
Cycle Life *1	≥6000						
Communication	CAN						
Display	Mira-HV25: 2*LED, Mira-BMS: 6*LED						
Scalability	Max. 8 Modules in Series						
<b>Operating Conditions</b>							
Installation Location	Indoor (Stand)						
Operating Temperature [°C]*2	Charge: 0 ~ 55 Discharge: -10 ~ 55						
Storage Temperature [°C]	-10 ~ 35						
Cooling method	Natural Convection						
Humidity [%]	5 ~ 95 (No condensing)						
Altitude [m]	Max. 2,000						
<b>Mechanical Characteristics</b>							
Dimensions (W*H*D) [mm] [Mira-BMS]	480*122*420						
Weight [kg] [Mira-BMS]	8.3						
Dimensions (W*H*D) [mm] [Mira-HV25]	480*122*420						
Weight [kg] [Mira-HV25]*3	26						
<b>Certificates</b>							
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, Charge derating will occur between 0°C and +15°C.

\*3, Bare weight and dimensions for 1 pcs Mira-HV25, excluding cables and brackets.

\*4, Refer to Fox ESS Battery Warranty Terms and Conditions.

