ORBUS LITMİRA HV25
BATTERY MODULE

ORBUS
one sun, one world

DATASHEET

Model	HS5	HS7.5	HS10	HS12.5	HS15	HS17.5	HS20
Battery Type	LiFePO4						
Battery Module	1*Mira-BMS 2*Mira-HV2 5	1*Mira-BMS 3*Mira-HV2 5	1*Mira-BMS 4*Mira-HV2 5	1*Mira-BMS 5*Mira-HV2 5	1*Mira-BMS 6*Mira-HV2 5	1*Mira-BMS 7*Mira-HV2 5	1*Mira-BMS 8*Mira-HV2 5
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*	≥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]*	480*122*420						
Weight (kg) [Mira-HV25]*	26						
Certificates							
Safety	IEC 62619, IEC 62477-1						
EMC	EN IEC 61000-6-1/2/3/4						
Transportation	UN38.3						
Ingress Protection	IP21						