


BATTERY M38210-S



Model	M38210-S
Physical	
Battery Type	LFP (LiFePO4)
Cell Manufacturer	 EVE ENERGY VERY ENDURE
System Weight	62 kg
Dimension (W x D x H)	332 x 570 x 223 mm
IP Protection	IP20
Warranty	3 Year Product Warranty, 10 Year Performance Warranty
Electrical	
Energy Capacity	8.1 kWh
Usable Capacity	7.3 kWh
Depth of Discharge (DoD)	90%
Nominal Voltage	38.4 V
Operating Voltage Range	36 ~ 43 V
Internal Resistance	≤ 10 mΩ
Cycle Life	≥ 6000
Operation	
Max. Charging Current	105 A (0.5C)
Max. Discharging Current	105 A (0.5C)
Operating Temperature Range	-10 °C ~ 50 °C*
Humidity	15% ~ 85%
BMS	
Modules Connection	6 ~ 20 in series
Capacity	48.4 / 56.4 / 64.5 / 72.6 / 80.6 / 88.7 / 96.8 / 104.8 / 112.9 / 121.0 / 129.0 / 137.1 / 145.2 / 153.2 / 161.3 kWh
Power Consumption	< 2 W (Work), < 100 mW (Sleep)
Monitoring Parameters	System voltage, current, cell voltage, cell temperature, PCBA temperature.
Communication	CAN and RS-485 compatible
BMU Model	HV900105 (TOP BMU required with more than one parallel cluster)

* When the temperature is below 0 °C or above 40 °C, the performance will be limited.



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