



Model No.:ERM5
51.2V 100Ah

-  High inverter compatibility
-  Natural cooling system
-  >15 Years life span
-  Reliable LFP cells
-  Scalable up to 160kWh 16 (Parallel)
-  Cells cycle times 6000 cycles
-  CANbus standard connection
-  IP65 Rating Triple hardware protection
-  Smart BMS system to optimize the performance

Electrical Characteristics

Module Type	ERM5
Nominal Battery Energy	5.12kWh
Battery Capacity	100Ah
Nominal Voltage	51.2V
Nominal Dis-/Charge Power	2.5kW
Peak Power(Only Discharge)	5KW
Constant Current(Only Discharge)	100A
Nominal Current	50A
Voltage	44.8~56.8Vd.c
Operating Temp.Range	-20~50°C
Calendar Life (Cycles)	3500
Protection Level	IP21
Communication	CAN/RS485/RS232
Safety Standard	UN38.3
Weight	48kg
Dimension	453×433×177mm
Scalability	Up to 16 units to parallel
Warranty Document Supplied	Yes
Warranty	5 Years
Color	Black
Alarms	Overcharge Overdischarge Overcurrent Overtemperature Short Circuit
Pros	Can be used in both off-grid and hybrid setups,compact design,floor or wall mount
Monitoring & Protection	Each system hai intelligent BMS, and breaker embeded in system
Compatible Inverters	

