

Specifications

Grid-scale ESS



Energy

Long-duration applications with continuous power supply (> 1 hour)

Energy Module



Models	M4863P3B	M48126P3B	M48189P3B
Energy [kWh]	3.3	6.5	9.8
Capacity [Ah]	63	126	189
Nominal Voltage [V]	51.8	51.8	51.8
Voltage Range [V]	42.0~58.8	42.0~58.8	42.0~58.8
Dimension [W x H x D, mm]	445 x 110 x 339	445 x 110 x 587	445 x 110 x 846
Weight [kg]	25	44	68

Energy Rack



Models	R800 (14 Modules)		
	M4863P3B	M48126P3B	M48189P3B
Energy [kWh]	45.7	91.3	137.0
Capacity [Ah]	63	126	189
Nominal Voltage [V]	725	725	725
Voltage Range [V]	588~823	588~823	588~823
Dimension [W x H x D, mm]	520 x 1,880 x 425	520 x 1,880 x 670	520 x 1,880 x 930
Weight [kg]	435	707	1,075



Models	R1000 (17 Modules)		
	M4863P3B	M48126P3B	M48189P3B
Energy [kWh]	55.5	110.9	166.4
Capacity [Ah]	63	126	189
Nominal Voltage [V]	881	881	881
Voltage Range [V]	714~1,000	714~1,000	714~1,000
Dimension [W x H x D, mm]	520 x 2,200 x 425	520 x 2,200 x 670	520 x 2,200 x 930
Weight [kg]	517	848	1,292

Energy Container



Models	40ft HC ISO Container
	M48126P3B
Energy [MWh]	4.8
System Voltage [V dc]	714~1,000
Dimension [W x H x D, m]	12.2 x 2.9 x 2.5
Weight [ton] (with battery)	50
Ambient Temperature [°C]	-20~50
Communication	CAN 2.0 B, Modbus TCP/IP

(System design can be changed according to customer requirements)