

MatrixOne BC261

MatrixOne BC418

Outdoor battery cabinet with IP66 protection level, inbuilt liquid-cooling lithium-ion battery. Paired with MatrixOne all-in-one BESS cabinet to expand battery capacity.

Features

-  3-level BMS
-  IP66 protection
-  Flexible expansion
-  Liquid-cooling battery ensure long lifespan
-  Comprehensive protection
-  Distributed PV integration solution



	MatrixOne BC261	MatrixOne BC418
Battery specification		
Cell type	LFP/314	LFP/314
Pack configuration	52.2kWh/1P52S	52.2kWh/1P52S
System configuration	261kWh/1P260S	418kWh/1P416S
Rated capacity	314Ah	314Ah
Rated voltage	832V	1331.2V
Voltage range	728~936V	1164.8~1497.6V
Rated charge/discharge	157A(0.5C)	157A(0.5C)
General information		
Dimensions (W*D*H)	1050*1350*2400 mm	1400*1450*2400 mm
Weight	2620kg	3825kg
Cycle life	≥8000 cycles	≥8000 cycles
Communication	CAN/RS485	CAN/RS485
Fire suppression system	Aerosol	Aerosol
Ingress rating	IP66	IP66
Cooling	Liquid cooling	Liquid cooling
Operating temperature	-25°C~55°C (Derating after 45°C)	-25°C~55°C (Derating after 45°C)
Anti-corrosion rating	C4 (C5 optional)	C4 (C5 optional)
Humidity	0~95% RH (non-condensing)	0~95% RH (non-condensing)
Altitude	3000m (Derating above 2000m)	3000m (Derating above 2000m)
Certificate		
Safety/EMC	IEC/EN 61000-6-2/4, IEC 62619, IEC 63056, UN 38.3	