

Lithium Battery Cabinet System

OBE47/54/62/70



Product Features

- Longer life cycles
- Higher power density
- Max. 1C discharge current
- Higher usable energy ratio, less self-consumption
- Contains no toxic heavy metal or caustic materials
- Up to 20 cabinets can be parallel connected
- Flexibility modular design, from 47kWh to 70kWh each battery cabinet

Technical Data

Model	OBE47	OBE54	OBE62	OBE70
Connection series	144S	168S	192s	216S
Nominal Energy (kWh)	46.08	53.76	61.44	69.12
Nominal Capacity (Ah)			100	
Nominal Voltage (V)	460.8	537.6	614.4	691.2
Operation Voltage Range (V)	403.2-518.4	470.4-604.8	537.6-691.2	604.8-777.6
Recommend Charge Current (A)			100	
Max. Continuous Charge Current (A)			100	
Recommend Discharge Current (A)			100	
Max. Continuous Discharge Current (A)			100	
Max. Parallel Quantities (system)			20	
Operation Temperature		Charge Temperature: 0°C-60°C Discharge Temperature: -20-60°C		
Operation Humidity		20-80%RH (No condensing)		
Protection Degree		IP54		
Dimension (mm)		690W x 1,950H x 1,200D		
Net Weight (kg)	850	915	980	1,045
Certification		IEC62619, CE-EMC, LVD, ROHS, IP54, UN38.3		
Communication		CAN, RS485		
Cycle Life		≥6,000 80%EOL@25°C 1P		