

Liquid-Cooled Plug & Play Container



2X 20 FT ENERGY STORAGE
2.5 MW / 5.0 MWh / 10-33 kV

Unieke kenmerken

- Inclusief ingebouwde transformator naar 10-33 kV
- Inclusief ingebouwde middenspanningsverdeler (ABB)
- Complete unit vanaf 4.2 MWh, modulair uitbreidbaar



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2X 20 FT / 5 MWh ENERGY STORAGE CONTAINER

DC side	
DC rated voltage	1331.2 V
DC voltage range	1123.2 1497.6 V
Pack structure	1P416S*12
Cell type	LFP 314 Ah / 3.2 V
Battery pack type	314 Ah / 332.8 V
Battery cluster type	314 Ah / 1331.2 V
Nominal energy capacity	5.015 MWh
General specification	
Cooling method	Liquid cooling
Operation temperature range	-20 ~ 50°C
Storage temperature range	-30 ~ 60°C
Operation humidity range	≤ 100% RH (non-condensing)
Charge & discharge rate	0.5P
Max. operating altitude	≤ 4000 m
Dimension (LxWxH)	6058 × 2438 × 2896 mm
Container weight	≤ 43 t
Protection degree	IP55 C4 (optional C5)
Configuration of HVAC	Gas Fire Suppression + Water-based Fire Suppression + Explosion-proof Ventilation
Communication interface	RS485, Ethernet, CAN
Communication protocol	Modbus TCP/RTU, IEC 104, IEC 61850

High Performance

- Suitable for large-scale and high-demand storage applications
- Seamlessly supports PV integration, on/off-grid functionality, and intelligent energy management
- Intelligent liquid-cooled temperature control system to ensure higher efficiency and extends battery cycle life

Assured Safety

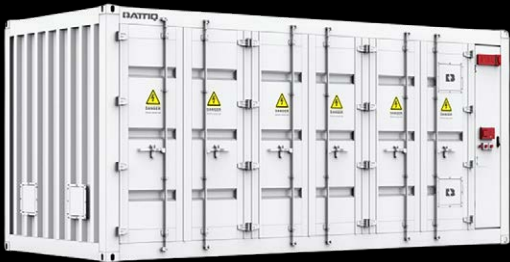
- The electrical cabinet and battery cabinet are separated to prevent thermal runaway
- Multi-level protection system ensures battery safety
- IP55 outdoor cabinet and optional C5 anti-corrosion

Intelligent Design

- All pre-assembled, limited on-site work, accelerate commissioning process
- High-efficiency heat dissipation, increase battery life and system discharge capacity
- 1-hour spare part swap capability for reduced downtime

Flexible Adaptability

- Supports multiple delivery formats, including in-cabinet installations, containerized solutions, and all-in-one solutions
- Equipped with both local control and remote monitoring platforms
- Facilitates quick system recovery and reduced O&M costs



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