

Liquid-Cooled Plug & Play Container



10 FT ENERGY STORAGE
500 kW / 1.044 kWh / 400 V

Unieke kenmerken

- Snel en compleet te plaatsen
- Ontworpen volgens de PGS37-1 richtlijn
- Complete unit, modulair uitbreidbaar



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10 FT / 1 MWh ENERGY STORAGE CONTAINER

AC side	
Rated AC output power	500 kW
Rated AC output current	181.2A
Rated AC apparent power	500 kVA
Nominal AC grid frequenc	50 Hz / 60 Hz
Max. efficiency	85-95 %
Battery	
Cooling method	LFP / 314 Ah
Operation temperature range	1044 kW
Storage temperature range	650 ~ 936 V
Operation humidity range	90% DOD
General	
Dimension (W×D×H)	2991 x 2438 x 2896 mm
Cooling concept	Liquid cooling
Protection class	IP55
Standards	
Certifications	IEC 62619, IEC 63056, IEC 62040, IEC 62477, IEC 61000, IEC 62933, UN 38.3, UL9540A

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

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

Assured Safety

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

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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