UTILITY-SIZE SOLUTIONS DC

ENERGY STORAGE SYSTEM

EStation

- One-key power on
- Stacked assembly, simple installation, and modular design gives flexibility
- Dynamic current equalizing technology, ensures the module's high operation reliability and security
- High safety, long battery life (up to 8000 cycles)
- Built-in DC-DC converter enables parallel current sharing, allowing owners to expand or replace modules as needed, with no need to consider the quality or SOC of old modules

The Micro-Grid EStation is a container that integrates multiple energy storage systems into one BESS (Battery Energy Storage System) unit. The BESS container provides cabinet-level energy for utility-scale installations, which is over 10 times more than the Home Energy series. EStation offers considerable cost and time savings compared to other battery systems and traditional fossil fuel power plants. As a sustainable alternative to natural gas "peaker" power plants, EStation can store excess solar or wind energy to support the grid's peak loads for utility-scale installations

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RENEWABLE. RELIABLE. REMARKABLE.

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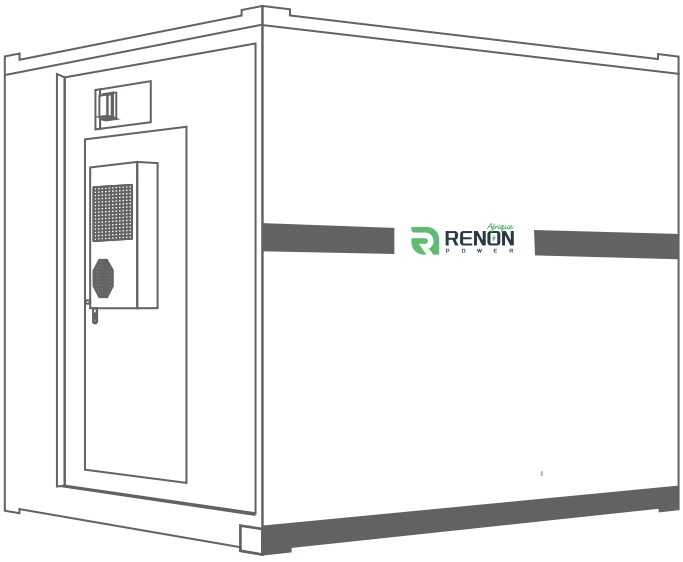
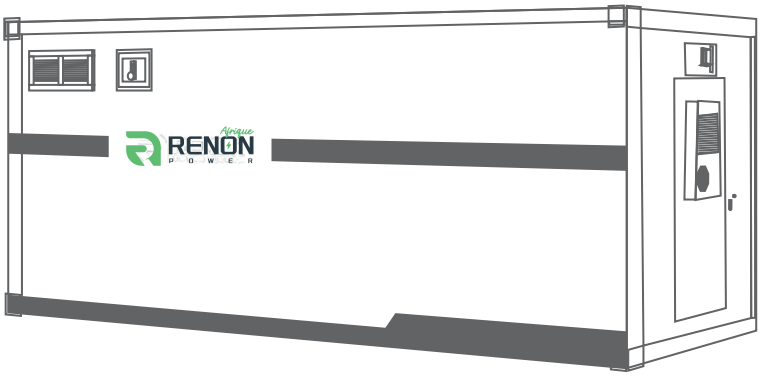
Utility-Size Solutions

RENON Afrique POWER

www.renonpowerafrique.com

10FT	
Nominal Capacity (kWh)	213.2~426
Voltage Range (V)	697.3~850
Current (A)	120
Charging Power (kW)	150
Discharging Power (kW)	150
Battery Nameplate Energy (kWh)	426
Nominal Grid Voltage (V)	400±8%
Nominal Grid Frequency (Hz)	50/60±2.5
External Output Wiring	3 phase 3 wire+PE
THDi	<3%
Max. Output Current (A)	180
Ambient Temperature	-20°C~50°C/–4°F to 122°F
Permissible Ambient Humidity	5%~95%
Permissible Altitude	≤2000m
Enclosure	IP55
Noise Level	≤75dB(A)
Communication Method	CAN, RS485, Ethernet
Communication Protocol	Modbus TCP/IP
Dimension (W*H*D)	2991*2438*2591mm
Protection	OTP, AC OVP/UVP,OFP/UFP, EPO, A/C, Fan, Relay Failure, OLP, GFDI, Anti





20FT	
Nominal Capacity (kWh)	213.2~1279
Voltage Range (V)	697.3~850
Current (A)	120
Charging Power (kW)	500
Discharging Power (kW)	500
Battery Nameplate Energy (kWh)	1279
Nominal Grid Voltage (V)	400±8%
Nominal Grid Frequency (Hz)	50/60±2.5
External Output Wiring	3 phase 3 wire+PE
THDi	<3%
Max. Output Current (A)	360
Ambient Temperature	-20°C~50°C/–4°F to 122°F
Permissible Ambient Humidity	5%~95%
Permissible Altitude	≤2000m
Enclosure	IP55
Noise Level	≤75dB(A)
Communication Method	CAN, RS485, Ethernet
Communication Protocol	Modbus TCP/IP
Dimension (W*H*D)	6058*2438*2591mm
Protection	OTP, AC OVP/UVP,OFP/UFP, EPO, A/C, Fan, Relay Failure, OLP, GFDI, Anti

2022-11-25