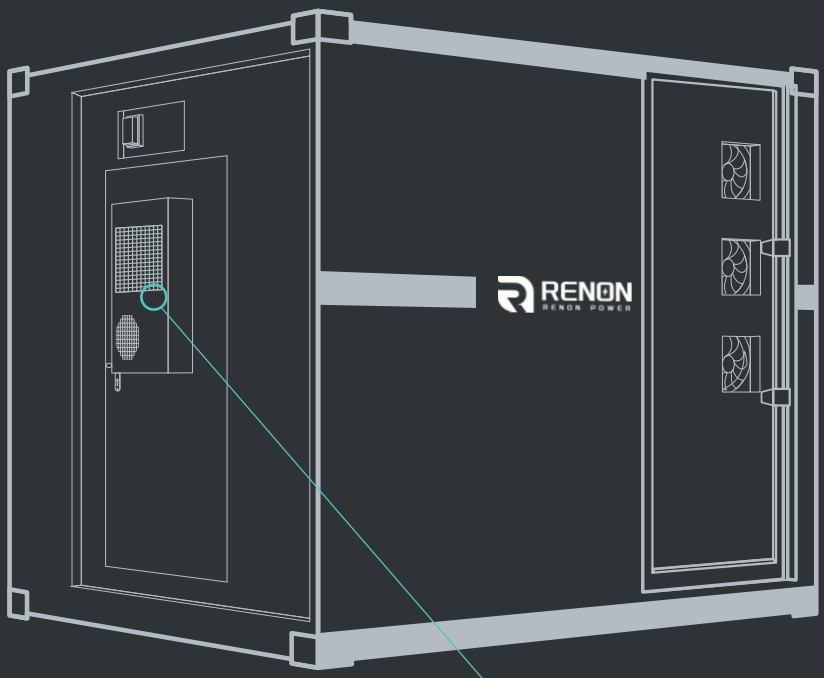
RENON
EStation SERIES

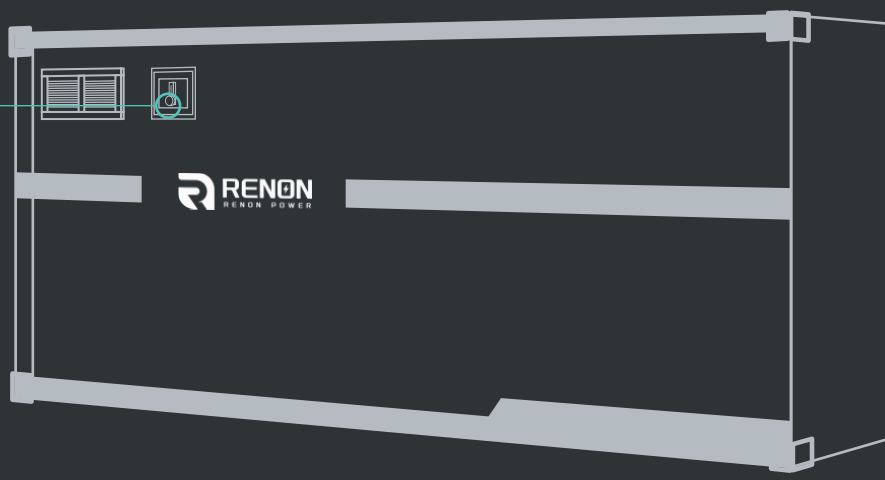
Utility-Size Solutions

- Cabinet-level energy capacity for utility-size installations
- 10Ft & 20Ft sizes supports larger commercial application
- Easy transport and maintenance, with classification society certification to meet maritime requirements



Air Conditioner

Decompression Valve



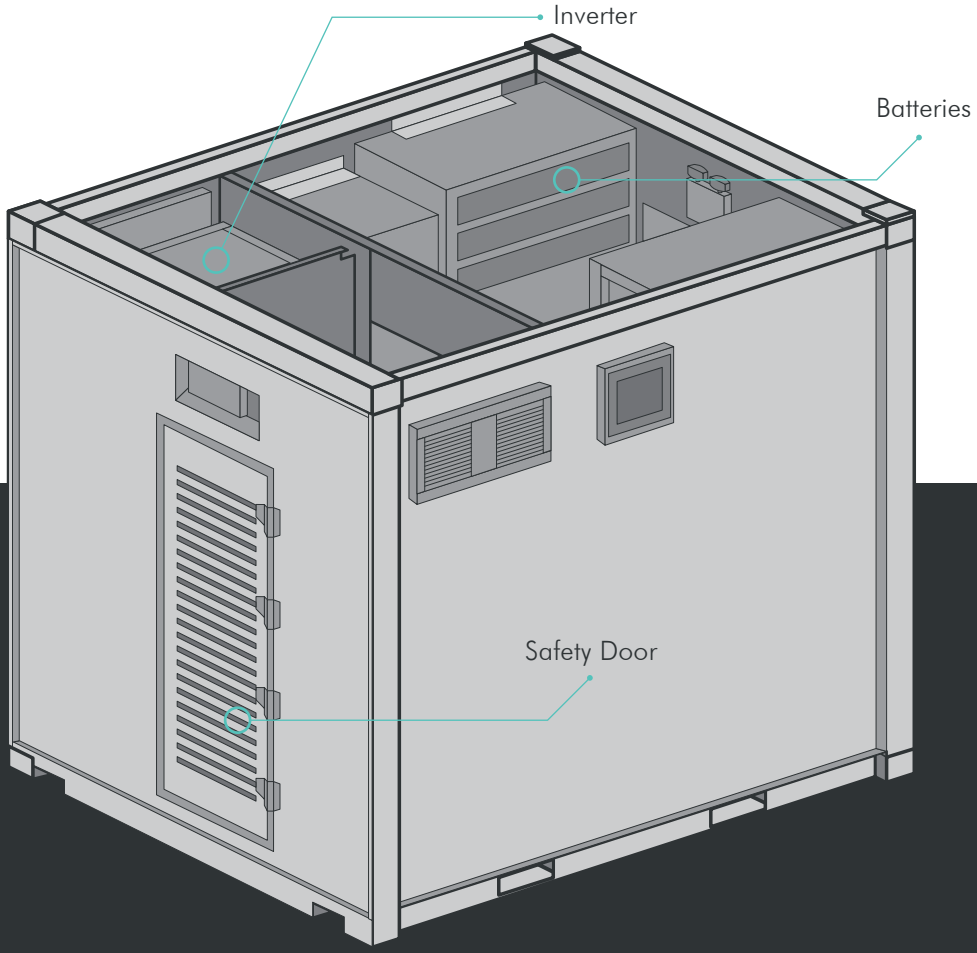
Micro-Grid EStation assembles multiple energy storage systems in one as BESS (battery energy storage system) container. BESS container provides cabinet-level energy for utility-size installations, which is over 10 times more than Home Energy series. EStation achieves significant cost and time savings compared to other battery systems and traditional fossil fuel power plants. For utility-size installations, EStation can play an role of sustainable alternative to natural gas “peaker” power plants though storing excess solar or wind energy to support the grid’s peak loads.

10FT

Nominal Capacity	213.2~426kWh
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	400V±8%
Nominal Grid Frequency	50Hz/60Hz±2.5Hz
External Output Wiring	3 phase 3 wire+PE
THDi	<3%
Max. Output Current	180A
Ambient Temperature	-20℃~50℃
Permissible Ambient Humidity	5%~95%
Permissible Altitude	≤2000m
Installation Type	IP55
Noise	≤75dB
Communication Method	CAN, RS485, Ethernet
Communication Protocol	Modbus TCP/IP
Dimension (W*H*D)	2991x2438x2591mm
Protection	OTP, AC OVP/UVP,OFP/UFP, EPO, AC Fan/ Relay Failure, OLP, GFDI, Anti

20FT

Nominal Capacity	213.2~1279kWh
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	400V±8%
Nominal Grid Frequency	50Hz/60Hz±2.5Hz
External Output Wiring	3 phase 3 wire+PE
THDi	<3%
Max. Output Current	360A
Ambient Temperature	-20℃~50℃
Permissible Ambient Humidity	5%~95%
Permissible Altitude	≤2000m
Installation Type	IP55
Noise	≤75dB
Communication Method	CAN, RS485, Ethernet
Communication Protocol	Modbus TCP/IP
Dimension (W*H*D)	6058x2438x2591mm
Protection	OTP, AC OVP/UVP,OFP/UFP, EPO, AC Fan/ Relay Failure, OLP, GFDI, Anti



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