

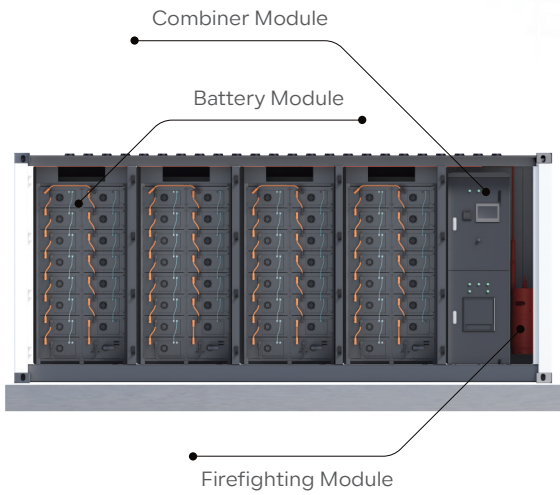
# EStation 1930B

1.93MWh 20ft Air-Cooling Container

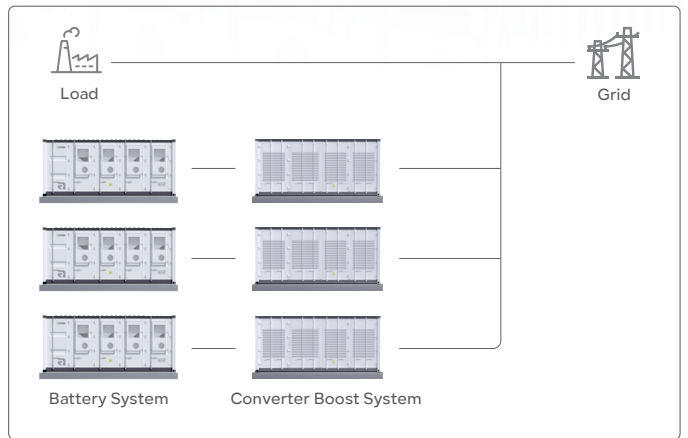
20 ft Converter Boost System  
1000kWh Air-cooled Container



## System Demonstration



## System Layout



## Application Scenario



REMOTE AREA OFF-GRID



ELECTRICITY GENERATING STATION



ENERGY STORAGE CHARGING STATION

Battery Energy Storage	
Cell Type	LFP 3.2V / 314AH
Module Configuration	1P16S
String Configuration	1P240S
Number of Strings	8
Capacity (kWh)	1929
Nominal Voltage(V)	768
Operation Voltage Range(Vdc)	703.2-852
Discharge Depth	90% DoD
Thermal Management Mode	Air-cooling
Thermal Control Management	Perfluorohexane

AC Output	
Rated AC Output Power(kW)	1000
Max.AC Output Power(kW)	1100
Rated Output Voltage(Vac)	380 / 400
Output Voltage Range(Vac)	380 / 400 (±10% configurable)
Rated Grid Frequency(Hz)	50 / 60 (-2.5~2.5)
AC PF	0.99 / -1~1
THDi	≤3%

System Characteristic	
Communication Interface	CAN, RS485, Ethernet
Warranty	3 years free, paid from the 4th to the 15th year

General Parameters	
Battery Dimensions(W*D*H)	6058*2438*2591mm / 238.5*96*102in
Battery System Total Weight	~24000kg / 52911lb
Converter Boost System Dimensions(W*D*H)	6058*2438*2591mm / 238.5*96*102in
Converter Boost System Total Weight	~12000kg / 26455lb
Operation Altitude	3000m / 10000feet(>3000m/10000feet derating)
Nosie Level@1m	<75dB
IP Rating	IP54
Operation Temperature	-30°C to 55°C (De-rating over 45°C)
Operation Humidity(Rh)	≤95%, No condensation
Storage Conditons	-20°C to 30°C, Up to 95% RH,non-condensing, State of Energy (SoE): 50% initial

## ■ Packaging & Shipping Details



Battery System  
6058\*2438\*2591mm  
~24000kg



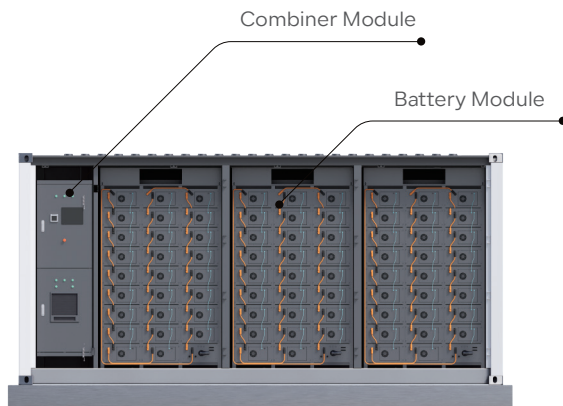
Converter Boost System  
6058\*2438\*2591mm  
~12000kg

# EStation 2500B

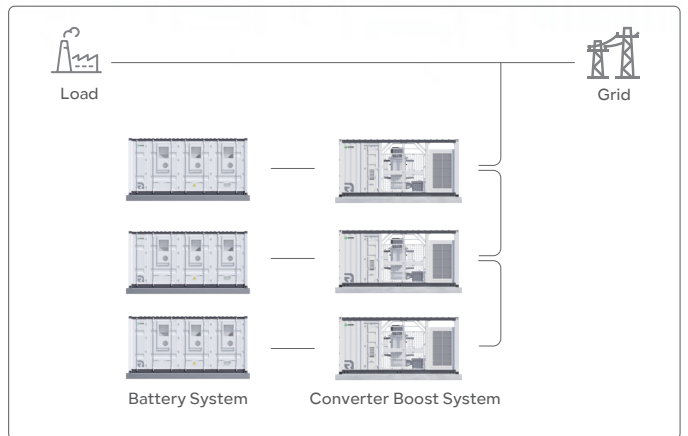
2.5MWh 20ft Air-Cooling Container



## System Demonstration



## System Layout



## Application Scenario



REMOTE AREA OFF-GRID



ELECTRICITY GENERATING STATION



ENERGY STORAGE CHARGING STATION

Battery Energy Storage	
Cell Type	LFP 3.2V / 314AH
Module Configuration	1P16S
String Configuration	1P416S
Number of Strings	6
Capacity (kWh)	2508
Nominal Voltage(V)	1331.2
Operation Voltage Range(Vdc)	1218.88-1476.8
Discharge Depth	90% DoD
Thermal Management Mode	Air cooling
Thermal Control Management	Perfluorohexane

AC Output	
Rated AC Output Power(kW)	1250
Max. AC Output Power(kW)	1290
Rated Output Voltage(Vac)	11000-33000
Output Voltage Range(Vac)	11000-33000
Rated Grid Frequency(Hz)	50 / 60
AC PF	0.99 / -1-1
THDi	≤3%

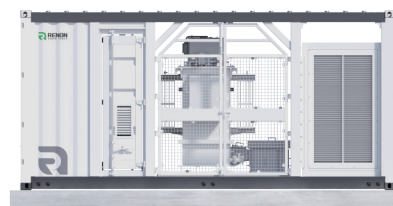
System Characteristic	
Communication Interface	CAN, RS485, Ethernet
Warranty	3 years free, paid from the 4th to the 15th year

General Parameters	
Battery Dimensions(W*D*H)	6058*2438*2896mm / 238.5*96*114in
Battery System Total Weight	~28000kg / 61729lb
Converter Boost System Dimensions(W*D*H)	6058*2438*2896mm / 238.5*96*114in
Converter Boost System Total Weight	~15000kg / 33069lb
Operation Altitude	3000m/10000feet(>3000m/10000feet derating
Nosie Level@1m	<75dB
IP Rating	IP54
Operation Temperature	-30°C to 55°C (De-rating over 45°C)
Operation Humidity(Rh)	≤95%, No condensation
Storage Conditons	'-20°C to 30°C, Up to 95% RH,non-condensing, State of Energy (SoE): 50% initial

## ■ Packaging & Shipping Details



Battery System  
6058\*2438\*2896  
~28000kg



Converter Boost System  
6058\*2438\*2896  
~15000kg