

CONTAINER SOLUTIONS



100-500kW
215-1290kWh

20 FT. COMMERCIAL + INDUSTRIAL BESS



FEATURES

- + Active Cell Balancing
- + Superior cycle life of 10 000 cycles
- + Industrial Transformer Inverter System
- + Fire Suppression, Smoke Detectors & Alarm System
- + Integrated Industrial Air Conditioning System
- + Off Grid, On Grid & Solar Ready
- + Scalable Bespoke Solutions
- + 10 Year Warranty On Batteries, 5 Year On Inverter, Extendable To 10 years
- + On-Site Assistance & Commissioning
- + System Certified: **UN3536**
UN38.3
NRS097
IP54



SUPERIOR CYCLE LIFE
10 000 CYCLES



REMOTE MONITORING + TECHNICAL SUPPORT



SERVICE LEVEL AGREEMENT (OPTIONAL)



INTELLIGENT FIRE SUPPRESSION SYSTEM

BATTERY PARAMETER

Battery Module Nominal Voltage	51.2V
Battery Module Energy	14.336kWh
Battery Cycle Life	10 000 Cycles at 80% DOD @ 25 ± 2°C, 70% EOL, 0.5C/0.5C
Rated Voltage	768V
Battery Voltage Range	720-840V
Battery Capacity	215-1290kWh
Smart Cooling	HVAC + Aircon

AC ON-GRID PARAMETER

Rated Charge/Discharge Power	100-500kW
Rated Grid Voltage	AC340V-460V
Applicable Grid Frequency	50/60(-2.5~2.5) Hz
MAX. Current	880A
THDi	<3%

AC OFF-GRID PARAMETER

Rated Charge/Discharge Power	100-500kW
Rated Grid Voltage	AC340V-440V
Rated Frequency	50/60(-2.5~2.5) Hz
THDu	≤2%
Cooling Method	Forced Air Cooling

SYSTEM SPECIFICATION

Firefighting System	Controller, Detectors, Alarms & Extinguisher
Operating Temperature Range	-20-50°C
Operating Humidity	0%-95%R.H
Dimension (W*D*H)	6058*2896*2438mm
Weight	6.1 - 17 Ton
IP Rating	IP54
Anticorrosion Grade	C4 High Protection
Communication Port	CAN, RS485, 4G/GPRS

COMPLIANCE

Battery	UN38.3, UN3536, IEC62619
Inverter	CE LVD IEC 62477, CE EMC IEC 610000, EN 50549-1:2019, G99, AS4777, NRS097



On-Site
Commissioning +
Field Service
Technicians

