

Solar MD

Leaders in Energy Storage Solutions

NEW Battery Range

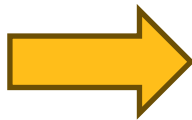


NEW Cell Facts

CATL

CB2W0

- Operating Voltage: 2.5 – 3.65V
- **Typical Capacity:** 280Ah
- **Max Charge Power:** 1C
- **Cycle Performance:** 6000 Cycles
- Dimensions: 207.2 x 173.9 x 71.7 (+/-0.8)



CBC00

- Operating Voltage: 2.5 – 3.65V
- **Typical Capacity:** 314Ah
- **Max Charge Power:** 0.5C
- **Cycle Performance:** 7000 Cycles
- Dimensions: 204.44 x 174.26 x 71.55 (+/-0.8)

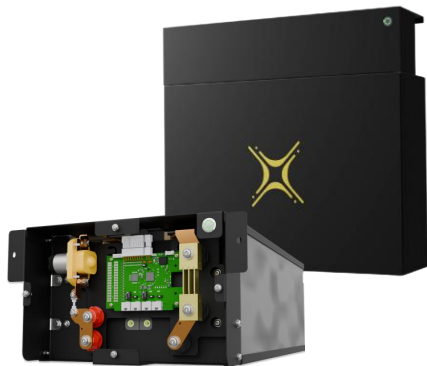


NEW Battery Range | From 01. July

NEW Batteries:

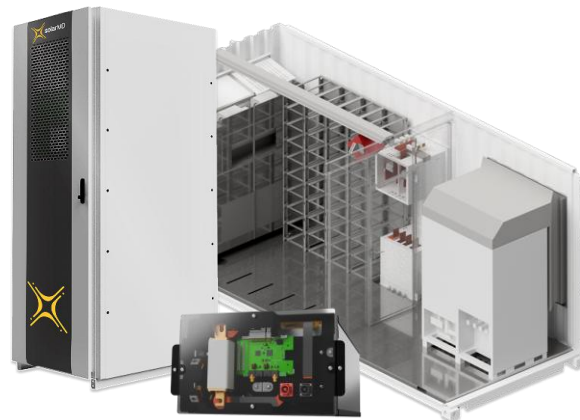
Low Voltage

- SS4143 → **NEW SS4160**
- SS214 → **NEW SS216**



High Voltage

- SS6143 → **NEW SS6160**



NEW Battery Range

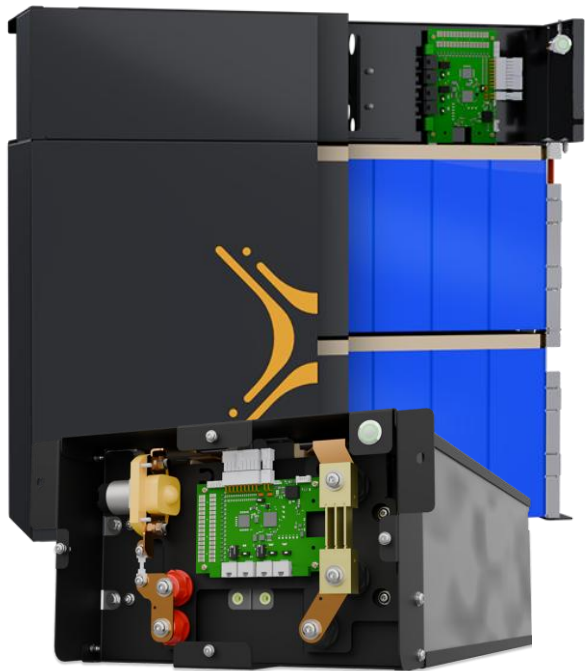
16 kWh Capacity in the **SAME** size

Key benefits include:

- **Increased Capacity:** Now **16 kWh** per unit.
- **Extended Cycle Life:** Up to **7,000 full cycles**.
- **Lower Cost per kWh:** Delivering a superior return on investment for your customers.
- **Higher Throughput Guarantee:** A robust **84 MWh** guarantee.



NEW Battery Range



Feature:

SS4160/SS216/SS6160

Rated Capacity	16 kWh
Nominal Power	8 kW
Charge and Discharge Current:	157A
Nominal Voltage	51.2V
Energy Throughput	84 MWh
Cycle Life Design	7,000 Cycles

NEW Battery Range

Upgrade with **EASE**

Compatible with all previous batteries

Low Voltage Upgrade

- NO restrictions

High Voltage Upgrade

- Charging and discharging current reduced to 157A of a full HV stack.
- Capacity reduced from 16 to 14.3kWh



Introducing the **SS4160**



UPGRADE WITH EASE
Compatible with all older modules

NEW Battery Range

MORE Power, Same Space

All batteries are built into the same metal housing

- NO restrictions
- Same housing
- Same cabling
- Same racks



NEW Battery Range

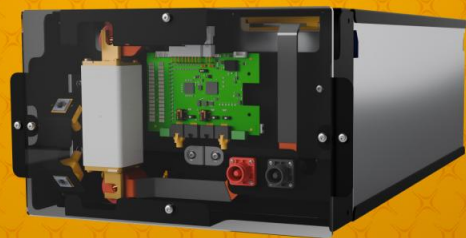
MORE Cycles, **LONGER** Life
84MWh Energy Throughput Guarantee

- More reliable performance
- More return of investment
- More peace of mind



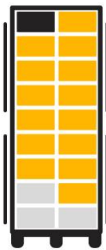
Introducing the **SS6160**

1000
MORE CYCLES

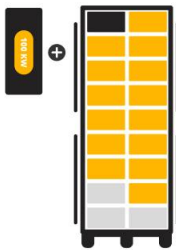


6000 cycles → 7000 cycles

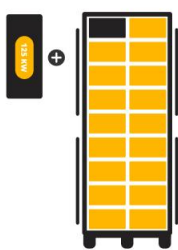
GET SCALABLE POWER RANGING FROM 80 kWh to 272 kWh



Standalone
80 - 272 kWh



Bundle
100kW / 208 kWh



Bundle
125kW / 272kWh

HIGH VOLTAGE RANGE



40FT BESS CONTAINERS

reach a massive **6.5 MWh** of storage capacity, utilizing 408 individual SS6160 modules.

Thank you!

