

# CATL New Generation Container — *EnerX*

## Key Parameters

Configuration	8P416S
Rated Energy	~5.6MWh
Cell Capacity	~530Ah
CP-rate	≤0.25P
Rated Voltage	~1339V
Voltage Range	1040V...1500V
Protection Level	IP55
Product Weight	~45 T
Dimension (L*W*H)	6058mm*2438mm*2896mm (20 feet HQ container)



CATL New“”layout  
Back to back, hand in hand

### ● Lower LCOS

- Higher Energy Density: **projected areal ED of 385kWh/m<sup>2</sup>**, volumetric ED of 133Wh/L. **50% enhanced** vs. EnerC.
- Back-to-back & hand-in-hand layout, 38% reduction in land area** of a 400MWh system vs. EnerC.
- Higher RTE: ≥96%**
- Cell slow-degradation technology: **≤4% degradation @year 1, 20-year reliability @70%SOH.**

### ● Higher Safety Level

- High safety and reliability design, **0 safety accidents** in ESS product.
- Cover all extreme climates and application scenes.
- High safety consideration for all levels, effectively predict safety risks under various working conditions.
- FSS: **NFPA69 & NFPA855 compliant.** Standard ventilation fan system design, **optional dry pipe** installation.

### ● Smarter O&M

- DC side components are preinstalled in 20-foot container.
- SOC error enhanced by **3%**.
- One-click Commission, 94% reduction in commissioning time.**
- Compatible with mainstream PCS, no augmentation for 3 years or 5 years.**
- Intelligent O&M-Cloud platform** to monitor and protect system safety.

✓ Product certification, testing, and design meet the requirements of **European and American ESS markets**



IEC 61000-6-2/4



IEC 62477-1



IEC 62619



IEC 62933-5-2



IEC 63056



UL 1973



UL 9540



UL 9540A



CE



UK



NFPA 855



NFPA 69



NFPA 70



中国船级社



RoHS



REACH