

Liquid Cooling ESS Container

Model	ESD1331-05P5015
Cell Capacity	314Ah
Configuration	12P416S (12 racks)
Nominal Energy	5015kWh
Nominal Voltage	1331V
Operating Voltage Range	1040-1497.6V
Charge /Discharge Rate	0.5P@25°C
Operating Temperature Range	-30~45°C (>45°C derating)
Ingress Protection	IP55 (except liquid cooling unit)
Communication Interface	CAN/RS485/Ethernet
Altitude	< 3000m (≥3000m derating)
Dimension (W*D*H)	6058*2438*2896mm (20 ft container)
Weight	≈43t

High Safety

- Cell safety / electrical safety / structural safety / fire protection system

High Performance

- Long cycle life, cell lifespan over 12000 cycles @70% SOH
- High system consistency, cell temperature difference ≤ 3°C

High Energy Density

- High energy density cells + Highly integrated system
- Back-to-back, side-to-side installation, land saving

Standardized Design

- Standard 20 ft container, time/cost saving for transportation and installation
- Multiple production bases around the world

Easy Operation and Maintenance

