

# 5MWh Liquid Cooled Energy Storage Tank

## HTDESS2500/5000-LC

### » Product Characteristics

- Variable diameter channel design+intelligent temperature control technology, system temperature difference<5 °C, cycle life 10000 times
- Single cabin energy of 5MWh+, energy density increased by 45%, saving 35% of land occupation
- 20 foot standard container size, quickly adaptable to various scenarios, with extremely low installation costs
- Thermal runaway monitoring, rapid identification and precise positioning, multiple fire protection methods for safety protection



### Technical Specifications

### Detailed Parameters

Product Model	HTDESS2500/5000-LC
Cell Type	Lithium Iron Phosphate
Burst Mode	1P416S * 12 clusters
Nominal Voltage	1331.2 V
Rated Capacity	5015.9 kWh
Thermal Management Method	Intelligent liquid cooling
Rated Charging And Discharging Power	0.5P
Communication Method	CAN/RS485/Modbus TCP
Firefighting Methods	Cabin level+PACK level perfluorohexane and cabin level water firefighting
Operation Temperature	Discharge: -20-55 °C Charging: 0-55 °C
Working Humidity	0-99% RH without condensation
Maximum Working Altitude	4000m (>2000m derating)
Protection Grade	IP55
Weight	About 45 tons
Dimensions (width x depth x height)	6058*2438*2896 mm