

# STORION-LC-TB125

## LIQUID-COOLING OUTDOOR CABINET

### CAPACITY

Inverter: 125 kVA  
System: 261 kWh



## KEY FEATURES

**Easily Set Function Parameters**

**Seamless Switching to backup**

**200% PV input oversizing**

**Safer Intelligent Fire Protection System**

**Various Operating Modes Available For Selection**

**System-wide Temperature Difference within 3°C**

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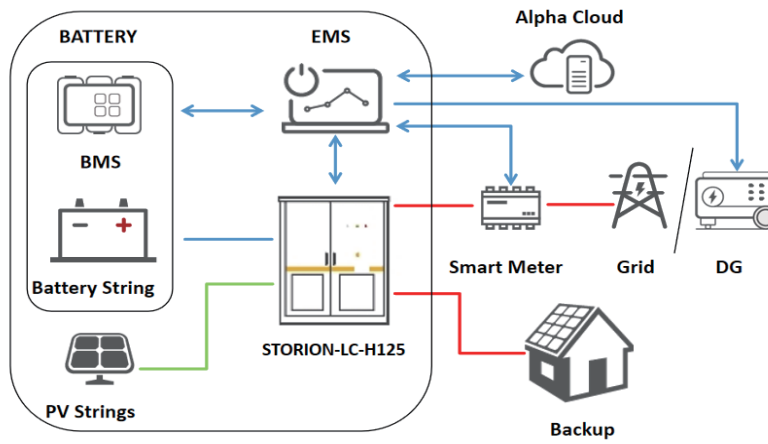
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## STORION-LC-TB125

Model	STORION-LC-TB125
<b>System Parameter</b>	
Dimension(W x D x H)	1003x 1500 x 2482 mm*(System Cabinet)
Battery Modules Connection	5 in series connection
Weight	3.3t
Ingress Protection	IP55
Operation Ambient Temperature Range	-20 °C ~ 50 °C(>45 °C Derating)
Operation Humidity Range	0 - 95 %RH
Max Operation Altitude	3000 m(> 2000 m Derating)
Fire-Fighting System	Aerosol + Sprinkler
Communication protocols	Modbus TCP
<b>PCS Parameters</b>	
Nominal AC Power	125 kVA@45°C
Max. Output Power	137.5 kVA
Max. PV Power	250 kWp, 16MPPTs (With DCDC Cabinet), 2 strings per MPPT
Max. OCV of PV String	700 V
Nominal Grid Voltage	400 V, 3L/N/PE
Nominal Grid Frequency	50/60 Hz (± 5 Hz)
Output THDi/THDu	< 3 %
Max. Efficiency	99%
Switching Time	≤ 20 ms (with STS Cabinet)
Overload Capacity	110% long term, 120% 1 min
Compliance	IEC 62477, IEC 61000, IEC 62109, AS4777.2, EN 50549 VDE 4105, G99
<b>Battery Parameters</b>	
Battery Model	M166314-S
Battery Chemistry	LFP (LiFePO4)
System Battery configuration	1P260S
Operation Voltage Range	702 V ~ 936 V
Nominal Capacity	261.2kWh
Rated Charging and Discharging Power	130.6kW (0.5 P)
Cycle Life	≥ 8000 @0.5 P 25 C**
Cooling	Liquid Cooling
Compliance	IEC 62619, IEC 62477, IEC 61000, UL 9540A

\*DCDC cabinet and STS cabinet are separate outdoor cabinets. DCDC Cabinet Dimensions(W×D×H):703\*960\*1433mm; STS Cabinet Dimensions (W×D×H) :703\*960\*1433mm.

\*\*Based on laboratory environment.