

"BIGGER & STRONGER"

Commercial & Industrial Solution Supports Your Business

AlphaESS is a world-leading energy storage solution and service provider covering the full power range.

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YOUR
SMART
ENERGY



STORION-LC-H125

COMMERCIAL & INDUSTRIAL SERIES

POWER

125 kW Hybrid Inverter

CAPACITY

261.2 / 522.4 kWh



KEY FEATURES

- **All-in-One Design**
Batteries + Hybrid Inverter + STS + DC/DC + EMS in One Compact Cabinet
Factory Pre-Assembled
Smart 3-in-1 Port — Supports Connection to Diesel Generator, PV Inverter, or Loads
- **Off-Grid Peace of Mind**
<10ms On/Off-Grid Switching
Off-Grid Overload Capacity: 140% Rated Power for 10 Seconds
Grid-Forming for Sustainable PV Inverter When Off-Grid
- **Highly Utilized PV + Universal Panel Compatibility**
200% PV Oversizing
10 MPPTs, Max. 21A PV Input
- **Up to 25 Systems in On-Grid Parallel; Up to 6 Systems in Off-Grid Parallel**
- **Integrated AFCI Function**

Reference appearance only. The actual product may differ



Extension Battery Cabinet (optional)	
Model	STORION-LC-H125
Battery	M166314-S
Cluster Capacity	261.2 kWh per Cabinet
Rated Charging/Discharging Power	130.6 kW (0.5P)
Battery Cluster Voltage Range	702 ~ 936 V
Battery Rack	5 Modules in series
Fire-Fighting System	Aerosol (Pack & Rack) + Sprinkler + Smoke / Temperature Detection
Dimensions (W×D×H)	1001*1622*2360mm
Weight	2.7 t

