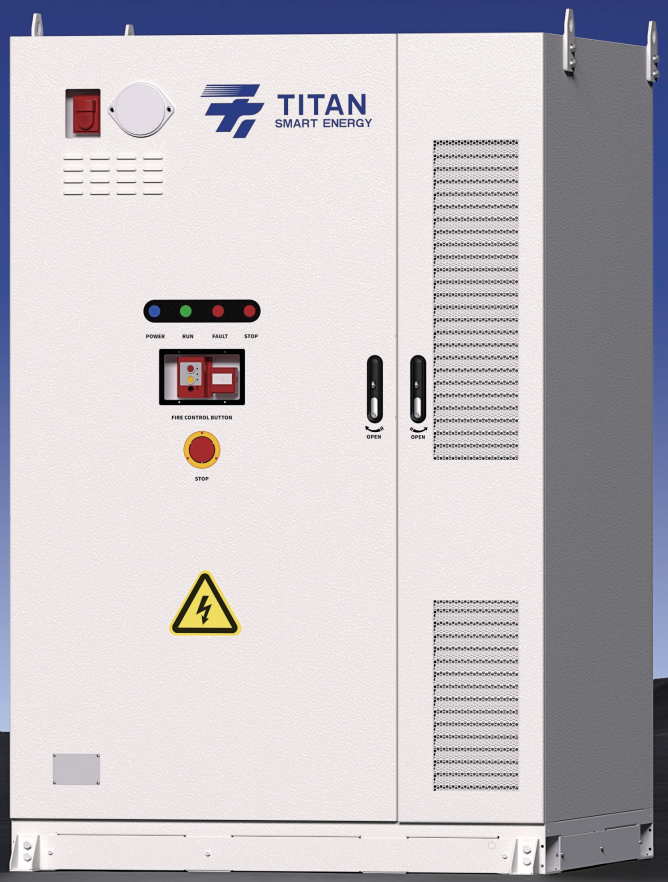
TITAN
SMART ENERGY

Shenzhen Titan Smart Energy Technology Co., Ltd.

Liquid-Cooled

Power-Source-125K/261L

Distributed Energy Storage System



Plug-and-play

Modular design, scalable on demand, plug-and-play

Precise Thermal Control

Liquid-cooled thermal management ensures uniform heat dissipation, with in-pack temperature variance ⩽3 °C

Long Lifespan

Premium battery cells provide ultra-long cycle life and efficient energy release

Safe & Reliable

6-fold electrical protection with proactive risk warning

Specification	Models	Power-Source-125K/261L
System Parameters	System Capacity	261 kWh
	Rated Power	125 kW
	Rated Grid Voltage	380/400V AC
	Voltage Range	-15 % ~ + 15 %
	Rated Grid Frequency	50 Hz/60 Hz
	IP Rating	IP54
	Operating Temperature	-20~+55 °C (Derated Above 45 °C)
	Operating Humidity	0~95 % RH (non-condensing)
	Corrosion Resistance	C3 (C4/C5 Optional)
	Cooling Method	Liquid-Cooled
	Fire Protection System	Perfluorohexanone, Combustible Gas, Smoke, and Temperature Detection, Audible & Visual Alarm, Water Firefighting Interface
	Dimensions (W × D × H mm)	1400 × 1400 × 2150 mm (Excluding Lifting Ring)
	Altitude	2000 m (Derated Above 2000 m)
	Total Weight	Approx. 2800 kg
	Communication Interface	RS-485/Ethernet
	Communication Protocol	Modbus RTU/Modbus TCP
DC Side Technical Parameters	Battery Type	LFP-314 Ah
	Cell	3.2 V/314 Ah
	System Configuration	1P260S
	DC Rated Voltage	832V DC
	DC Voltage Range	728V DC~936V DC
	Battery Pack IP Rating	IP67
	System Certification	GB/T36276; UN38.3; MSDS
	PCS Certification	IEC62109-1/-2; IEC62477-1; EN50549-1/-2/-10

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