TITAN
SMART ENERGY

Shenzhen Titan Smart Energy Technology Co., Ltd.



Liquid-Cooled

Power-Source-125K/261LA

Distributed Energy Storage System

Compact

With a footprint of only 1.4㎡, it enables easy transportation and fast installation

High Integration

261 kWh energy in one cabinet with remarkable endurance

Efficient Cooled

Optimal in-pack duct design achieves highly efficient cooling with low energy consumption

Long Cycle Life

⩾8,000 times cycle life, excellent performance of battery system

Flexible Expansion

Modular design, simplified parallel expansion

Ultimate Safety

In-pack fire warning and protection with aerosol, prevent heat diffusion and thermal runaway

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Specification	Models	Power-Source-125K/261LA
DC Side	Cell Type	LFP/314 Ah
	Pack Configuration	52.2 kWh/1P52S
	System Configuration	261 kWh/1P260S
	Rated DC Voltage	832 V
	DC Voltage Range	728~936 V
	Max. Charge/Discharge Rate	0.5 P
	Rated Output Power	125 kW
AC Side	Rated AC Voltage	400 V
	AC Voltage Range	±15 %
	Grid Type	3 P + N + PE
	Rated Frequency	50 Hz/60 Hz
	Power Factor	0.99/-1~ +1
	THDi	⩽ 3 %
	DC Ratio	＜ 0.5 % Ipn
	Max. Round Trip Efficiency	89 %
General	Cycle Life	⩾ 8,000 Cycles
	Communication	Modbus TCP/IP
	Fire Protection System	Aerosol, Water Firefighting Interface
	Ingress Rating	IP55
	Cooling Method	Liquid-cooled + Forced-Air-Cooled
	Operating Temperature	-25 °C~55 °C (Derating Above 45 °C)
	Corrosion Resistance	C4 (C5 Optional)
	Humidity	0~95 % RH (Non-Condensing)
	Noise	⩽75 dB
	Altitude	3000 m (Derating Above 2000 m)
	Dimensions (W × D × H mm)	1050 × 1350 × 2400 mm
	Weight	2600 kg
	Safety/EMC Standard	UN38.3, IEC62619, IEC63056, EN/IEC62477-1, EN/IEC61000-6-2/-4, IEC62933, MSDS
	Grid Connection Standard	EN50549-1/-10, EN50549-2/-10, G99, VDE4105, NRS097, C10/11, CEI0-21, CEI0-16

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