

Complete Outdoor Cabinet volgens PGS37-1 Norm



TRENE VLOEISTOF GEKOELD
125 kW / 261 kWh / 400 V

Unieke kenmerken

- Door Troostwijk | BvT getoetst op de PGS37-1 norm
- Ook geschikt voor handel EPEX, aFRR, mFRR & FCR
- Modulair uit te breiden tot 20 units



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TRENE LIQUID COOLED (125 kW / 261 kWh)

AC side	
Rated AC output power	125 kW
Rated AC output current	180.4 A
Rated AC apparent power	137,5 kVA
Nominal AC grid frequency	50 Hz / 60 Hz
Max. efficiency	85-95 %
Battery	
Battery type	LFP / 314 Ah
Nominal capacity	261 kWh
Rated voltage	650 ~ 936 V
Discharge depth	90% DOD
General	
Dimension (W×D×H)	1350 x 1350 x 2355 mm
Cooling concept	Liquid cooling
Protection class	IP55
Standards	
Certifications	IEC61000-6-1&-6-3, UL9540A

Safe

- Suitable for large-scale and high-demand storage applications
- Seamlessly supports PV integration, on/off-grid functionality, and intelligent energy management
- Intelligent liquid-cooled temperature control system to ensure higher efficiency and extends battery cycle life

Robust

- The electrical cabinet and battery cabinet are separated to prevent thermal runaway
- Multi-level protection system ensures battery safety
- IP55 outdoor cabinet and optional C5 anti-corrosion

Economic

- All pre-assembled, limited on-site work, accelerate commissioning process
- High-efficiency heat dissipation, increase battery life and system discharge capacity
- 1-hour spare part swap capability for reduced downtimesystem

Intelligent

- Supports multiple delivery formats, including in-cabinet installations, containerized solutions, and all-in-one solutions
- Equipped with both local control and remote monitoring platforms
- Facilitates quick system recovery and reduced O&M costs



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