

NIEUW!

DE ULTIEME BATTERIJ VOOR DE TUINBOUW



CONTAINERS

2.5 MW / 5.0 MWh / 10-33 KV

UNIEKE KENMERKEN

- ⚡ Inclusief ingebouwde transformator naar 10-33KV
- ⚡ Inclusief ingebouwde middenspanningsverdeler (ABB)
- ⚡ Complete unit vanaf 4.2 MWh, modulair uitbreidbaar

SOLAX
POWER

BATTIQ
ENERGIEOPSLAG

2X 20FT / 5MWH ENERGY STORAGE CONTAINER

	DC SIDE
DC rated voltage	1331.2 V
DC voltage range	1123.2 - 1497.6 V
Pack structure	1P416S*12
Cell type	LFP 314 Ah / 3.2 V
Battery pack type	314Ah / 332.8 V
Battery cluster type	314Ah / 1331.2 V
Nominal energy capacity	5.015 MWh
	GENERAL SPECIFICATION
Cooling method	Liquid cooling
Operation temperature range	-20 ~ 50°C
Storage temperature range	-30 ~ 60°C
Operation humidity range	≤ 100% RH (non-condensing)
Charge & discharge rate	0.5P
Max. operating altitude	≤ 4000 m
Dimension (LxWxH)	6058 × 2438 × 2896 mm
Container weight	≤ 43 t
Protection degree	IP55 C4 (optional C5)
Configuration of HVAC	Gas Fire Suppression + Water-based Fire Suppression + Explosion-proof Ventilation
Communication interface	RS485, Ethernet, CAN
Communication protocol	Modbus TCP/RTU, IEC 104, IEC 61850

High Performance

- 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

Assured Safety

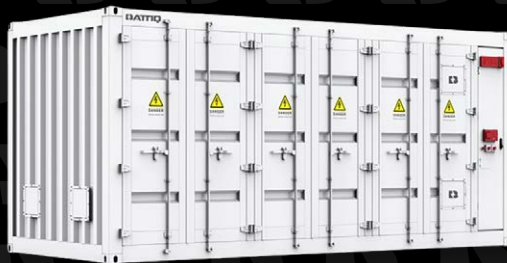
- The electrical cabinet and battery cabinet are separated to prevent thermal runaway
- Multi-level protection system ensures battery safety
- IP55 outdoor cabinet and optional C5 anti-corrosion

Intelligent Design

- 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 downtime

Flexible Adaptability

- 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



Bezoekadres

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BATTIQ
ENERGIEOPSLAG

NIEUW!

LIQUID-COOLED 10 FT. CONTAINER



**PLUG & PLAY
CONTAINER**

500KW / 1.044KWH / 400V

UNIEKE KENMERKEN

- ⚡ Snel en compleet te plaatsen
- ⚡ Ontworpen volgens de PGS37-1 richtlijn
- ⚡ Complete unit, modulair uitbreidbaar

SOLAX
POWER

BATTIQ
ENERGIEOPSLAG

10FT / 1MWH ENERGY STORAGE CONTAINER

	AC SIDE
Rated AC output power	500 kW
Rated AC output current	181.2A
Rated AC apparent power	500 kVa
Nominal AC grid frequency	50 Hz / 60 Hz
Max. efficiency	85-95 %
	BATTERY
Battery type	LFP / 314Ah
Nominal capacity	1044 kWh
Rated voltage	650 ~ 936 V
Discharge depth	90% DOD
	GENERAL
Dimension (WxDxH)	2991 x 2438 x 2896
Cooling concept	Liquid cooling
Protection class	IP55
	STANDARDS
Certifications	IEC 62619, IEC 63056, IEC 62040, IEC 62477, IEC 61000, IEC 62933, UN 38.3, UL9540A

High Performance

- 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

Intelligent Design

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- High-efficiency heat dissipation, increase battery life and system discharge capacity
- 1-hour spare part swap capability for reduced downtime

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BATTIQ
ENERGIEOPSLAG

COMPLETE OUTDOOR CABINET VOLGENS PGS37-1 NORM



TRENE

100 KW / 215 KWH / 400V

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

SOLAX
POWER

BATTIQ
ENERGIEOPSLAG

TRENE C&I ESS CABINET (100 KW / 215 KWH)

	AC SIDE
Rated AC output power	100 kW
Rated AC output current	144.4 A
Rated AC apparent power	100 kVA
Nominal AC grid frequency	50/60 Hz
Max. efficiency	85-95 %
	BATTERY
Battery type	LFP 280ah
Nominal capacity	215 kWh
Rated voltage	768 V
Discharge depth	90%
Max. charge/discharge current	140 A
	GENERAL
Dimension (WxDxH)	1880 x 2480 x 1200 mm
Cooling concept	Smart cooling
Protection class	IP54
	STANDARDS
Certifications	IEC61800, IEC3366:2000, 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

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

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 downtime



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BATTIQ
ENERGIEOPSLAG

COMPLETE OUTDOOR CABINET VOLGENS PGS37-1 NORM



TRENE
VLOEISTOF GEKOELD
125 KW / 261 KWH / 400V

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

SOLAX
POWER

BATTIQ
ENERGIEOPSLAG

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 / 314Ah
Nominal capacity	261 kWh
Rated voltage	650 ~ 936 V
Discharge depth	90% DOD
	GENERAL
Dimension (WxDxH)	1350 x 1350 x 2355
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

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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HYBRIDE OUTDOOR CABINET MET NOODSTROOM



AELIO
50-60 KW / 100 KWH / 400V

UNIEKE KENMERKEN

- ⚡ Directe DC input (PV-systeem)
- ⚡ Inclusief EPS output (noodstroom)
- ⚡ Modulair uit te breiden tot 20 units

SOLAX
POWER

BATTIQ
ENERGIEOPSLAG

AELIO C&I ESS CABINET (50-60 KW / 100 KWH)

	DC SIDE	
Max. PV input power	100 kW	120 kW
MPPT voltage range	160 ~ 950 V	
No. of MPP trackers / Strings per MPP tracker	5 (2 per MPPT)	6 (2 per MPPT)
	AC SIDE	
Rated AC output power	50 kW	60 kW
Rated AC output current	83.6 A	100.3 A
Nominal AC voltage	3P4W, 400/230, 380/220 V	
	BATTERY SIDE	
Battery type	LFP 280Ah	
Nominal capacity	100 kWh	
Discharge depth	90%	
Max. charge/discharge current	160 (80 × 2) A	
	GENERAL	
Dimensions (with Inverter) (W×H×D)	1311 × 2300 × 1140 mm	
Weight (with Inverter)	1600 kg	
Operating ambient temperature range	-30 ~ 55 °C	
Cooling Concept	Smart air cooling	
Ingress protection	IP54	
Fire Protection	Optional: Aerosol / Novec1230 / Water	
Certifications	IEC62619, IEC63056:2000, IEC61000-6-2&-6-4, IEC62477-1, UN38.3	

Safe

- Four-level fire safety protection
- IP65 protection for Inverter and IP54 for cabinet
- AFCI optional
- AC&DC SPD type II, always guarding the inverter
- Smart IV Curve scan for early panel diagnosis

Intelligent

- AI ready, forecasting solar generation and load consumption, smart energy management strategy
- Support smart scene function, intelligent loads management (e.g., Heat pump EV charger)
- VPP ready, SolaX cloud supports resource aggregator (2030.5, OpenADR)
- Support Micro-grid and a variety of scenarios
- Support 7×24h remote O&M and schedule deployment

Robust

- Support both on-grid and off-grid operation
- Robust back-up ability, switch over time <10ms, up to 200% EPS output for 10s
- Support unbalanced loads on three phases

Economic

- Maximum 200% PV oversized input
- Maximum 40A input current per MPPT, support high power solar panel
- Advanced LFP battery, single cabinet with up to 200kWh, expandable to MWh
- Support wireless meter solution



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	DC SIDE	
Max. PV input power	100 kW	120 kW
MPPT voltage range	160 ~ 950 V	
No. of MPP trackers / Strings per MPP tracker	5 (2 per MPPT)	6 (2 per MPPT)
	AC SIDE	
Rated AC output power	50 kW	60 kW
Rated AC output current	83.6 A	100.3 A
Nominal AC voltage	3P4W, 400/230, 380/220 V	
	BATTERY SIDE	
Battery type	LFP 280Ah	
Nominal capacity	200 kWh	
Discharge depth	90%	
Max. charge/discharge current	160 (80 × 2) A	
	GENERAL	
Dimensions (with Inverter) (W×H×D)	2067 × 2420 × 1200 mm	
Weight (with Inverter)	2800 kg	
Operating ambient temperature range	-30 ~ 55 °C	
Cooling Concept	Smart air cooling	
Ingress protection	IP54	
Fire Protection	Optional: Aerosol / Novec1230 / Water	
Certifications	IEC62619, IEC63056:2000, IEC61000-6-2&-6-4, IEC62477-1, UN38.3	

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