



Liquid-Cooled Cabinet ESS

Pro 125 / 385

The Pro series comprises advanced liquid-cooled energy storage cabinets with LFP batteries, fire suppression, EMS, and full grid integration. From compact 192 kWh units to 385 kWh DC battery packs — flexible solutions for industry, PV farms, and large commercial facilities.

Key parameters

192–385 kWh

Capacity range

125 kW

Rated power

Liquid cooling

Cooling

≥89%

Round-trip efficiency

IP55

Protection

≥ 8 000

Cycle life

Product features

Liquid cooling: precise thermal management, minimal ΔT .

Safety: IP55, aerosol fire suppression, C4H anticorrosion.

Scalability: up to 8 cabinets in parallel, expansion to 1 MW+.

Versatility: On-grid, Off-grid, hybrid with PV, EV and generator.

Pro 192 kWh

Liquid-cooled cabinets — 192.92 kWh

Parameter	Pro 125/192	Pro 125/192 Hybrid
Cell type	LFP	
Rated capacity	192.92 kWh	

[Przejdź do treści głównej \(#main-content\)](#)

Parameter	Pro 125/192	Pro 125/192 Hybrid
Inverter type	On-grid / Off-grid	Hybrid
Max. PV power (MPPT)	—	60 kWp
STS (Static Transfer Switch)	—	Yes
ATS (Automatic Transfer Switch)	—	Yes
EV charger	—	2× 22 kW
DC voltage range	480~700.8 V	
AC voltage	400 V, 3-phase, 50/60 Hz	
System efficiency	>89%	
Protection rating	IP55	
Anticorrosion rating	C4H	
Cooling system	Liquid cooling	
Fire suppression	Aerosol	
Noise level	<75 dB (1 m)	
Operating temperature	-30°C to +55°C	
Humidity	0~95% (non-condensing)	
Dimensions (W×D×H)	1800 × 1435 × 2392 mm	
Communication	Ethernet / Modbus TCP/IP	
Cycle life	≥8000 (100% DoD)	
Scalability	1–8 units (up to 1000 kW)	
Warranty	≥5 years / 8000 cycles	
Certificates	IEC 62619, IEC 60730-1, IEC 63056, IEC 62477, CE, UN 38.3	IEC 62619, IEC 60730-1, IEC 63056, IEC 62477, IEC 61851, CE, UN 38.3, TÜV, DNV

Pro 261 kWh Coming soon — May 2026

Next-generation cabinet — 261 kWh

Parameter	Pro 125/261
Cell type	LFP 3.2V / 314Ah
Rated capacity	261 kWh
Rated power	125 kW
Inverter type	On-grid / Off-grid
DC voltage range	728~936 V
AC voltage	400 V (±15%), 50 Hz

[Przejdź do treści głównej \(#main-content\)](#)

Parameter	Pro 125/261
System efficiency	≥90%
Depth of discharge	100%
Protection rating	IP55
Cooling system	Liquid cooling (automatic refilling)
Fire suppression	Aerosol + water mist + ventilation + alarm
Noise level	≤75 dB (1 m)
Operating temperature	-30°C to +55°C
Humidity	0~95% (non-condensing)
Max. altitude	4000 m (derating above 2000 m)
Dimensions (W×D×H)	1012 × 1380 × 2270 mm
Weight	≤2500 kg
Communication	LAN / RS485 / Modbus / IEC104 / MQTT
Wiring	3-phase 4-wire
DC protection	Contactator + fuse
Cycle life	≥8000 (100% DoD, EoL 70% SoH)
Scalability	1-8 units
Warranty	≥5 years / 8000 cycles
Certificates	IEC 62619, IEC 60730-1, IEC 62477, IEC 60529, IEC 61000-6-2/6-4

Pro 258 / 289 kWh

All-in-One liquid-cooled cabinets

Parameter	Pro 125/258	Pro 125/289
Cell type	LFP 280Ah	LFP 314Ah
Rated capacity	258 kWh	289 kWh
Rated power	125 kW	
Peak AC power	150 kW (60 s, 25°C)	
Inverter type	On-grid / Off-grid	
Rated DC voltage	921.6 V	
DC voltage range	720~1000 V	
AC voltage	400 V, 3-phase, 50/60 Hz	
Rated current	182 A	
C-rate	0.5P	
System efficiency	≥90%	

[Przejdź do treści głównej \(#main-content\)](#)

Parameter	Pro 125/258	Pro 125/289
Protection rating	IP55	
Anticorrosion rating	C4H	
Cooling system	Liquid cooling	
Fire suppression	Aerosol	
Noise level	<75 dB (1 m)	
Operating temperature	-30°C to +55°C	
Humidity	0~95% (non-condensing)	
Dimensions (W×D×H)	1588 × 1380 × 2450 mm	1588 × 1380 × 2450 mm
Weight	2950±150 kg	3050±150 kg
Communication	RS485 / CAN / Modbus TCP	
Cycle life	≥8000 (100% DoD)	
Scalability	1–8 units (up to 1000 kW)	
Warranty	≥5 years / 8000 cycles	
Certificates	IEC 62619, IEC 60730-1, IEC 63056, IEC 62477, CE, UKCA, UN 38.3	

Pro 385 kWh (DC)

DC battery pack — no inverter

Parameter	Pro 385
System type	DC battery pack (no inverter)
Cell type	LFP 314Ah
Rated capacity	385 kWh
Rated DC voltage	1228.8 V
DC voltage range	960~1401.6 V
C-rate	0.5P
System efficiency	>93% (DC side)
Protection rating	IP55
Anticorrosion rating	C4H
Cooling system	Liquid cooling
Fire suppression	Aerosol
Noise level	<75 dB (1 m)
Operating temperature	-30°C to +55°C
Humidity	0~95% (non-condensing)
Dimensions (W×D×H)	1578 × 1380 × 2500 mm

[Przejdź do treści głównej \(#main-content\)](#)

Parameter	Pro 385
Weight	≤3900 kg
Communication	RS485 / CAN / Modbus TCP
Cycle life	≥8000 (100% DoD)
EMS	External
Inverter compatibility	All AIESS inverters up to 2.5 MW
Scalability	Unlimited
Warranty	≥5 years / 8000 cycles
Certificates	IEC 62619, IEC 60730-1, IEC 63056, IEC 62477, CE, UKCA, UL1973, UL9540A, UN 38.3