

All-in-one Liquid Cooled



125 kW
261 kWh

5 or 10 years
warranty as
a standard

350+
operational
systems in
the field

HIGHLIGHTS



BESS + EMS

Our integrated energy management solutions give you full control of your energy, while iwell takes full responsibility.



EU cyber security

Data and communication are managed by iwell in the EU and fully encrypted. We are compliant with ISO 9001, ISO 27001, NIS2 and IEC 62619.



Fully customizable

From a single unit to unlimited scale. Scalable at any moment in time, making your business future-proof.

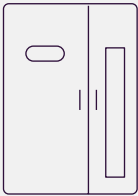


24/7 predictive asset management

Maximum reliability through continuous and predictive monitoring. Peace of mind due to 24/7 response to failures.

Specifications

All-in-one cabinet



Item	Parameters
AC Voltage	400 V
Power	125 kW
Max current (AC)	198A
Power Factor	0 - 1 (leading or lagging)
Off-grid Capabilities	Upon request
Frequency	50 / 60 Hz
THDi	<3% IEEE519
Battery Energy	261 kWh
Battery Configuration	1p5s
Max Chiller Power	3 kW
Nominal Aux Power	4 kW
RTE	90.08% (AC SPOC)
IP Rating	IP 55

Pack



Item	Parameters
Rated Energy	52 kWh
Rated Power	25 kW
Rated Capacity	314 Ah
Nominal Voltage	166 V DC
Voltage Range	143 - 187.2 V
IP Rating	IP 67
Cooling	Liquid
Cell configuration	1p52s

Cell



Item	Parameters
Chemistry	LFP
Rated Energy	896 Wh
Rated Capacity	280 Ah
Rated Voltage	3.2 V DC
Voltage Range	2.5 - 3.65 V DC
Manufacturer	EVE

ALL-IN-ONE LIQUID COOLED



Cabinet

Dimensions	1000 × 1420 × 2250 mm (Width × Depth × Height)
Weight	2720 kg

PRODUCT HIGHLIGHTS



Fast Lead Times

Local inventory and support for rapid response. Offering a 2-month lead time, starting Q3 2026.



High Performance

Liquid-cooled battery systems with tier 1 EVE cells (>8,000 cycles). Standard 5-year warranty, extendable up to 10y.



Plug & Play

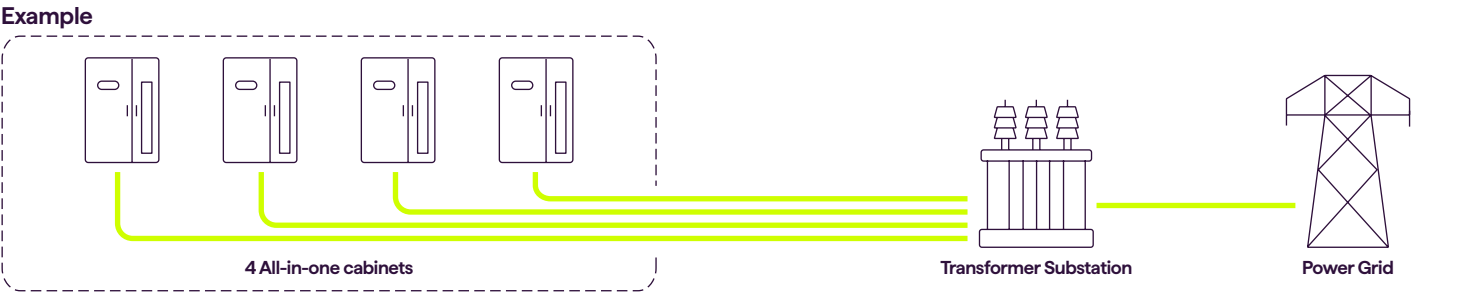
Integrated battery and PCS in a single cabinet. Easy to install by connecting one cable directly to AC power.



Inherently Robust Design

Highly modular design ensures seamless operation; if one module fails, the remaining modules continue functioning.

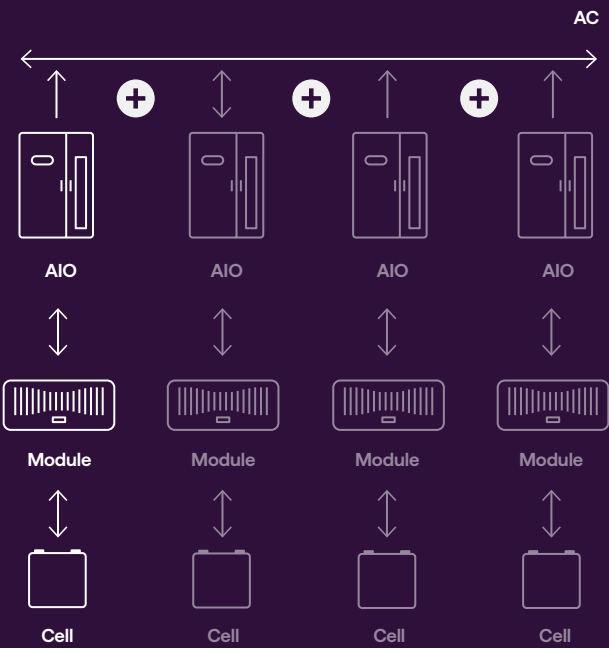
Configuration



Configuration options

Number of AIOs	1	2	3	4	5	6	7	8	9	n
Power (kW)	125	250	375	500	625	750	875	1000	1125	125*n
Energy (kWh)	261	522	783	1044	1305	1566	1827	2088	2349	261*n

SYSTEM OVERVIEW



Item	Parameters
Type of Battery	LFP (Tier 1)
Rated Capacity	261 kWh per battery system
Rated PCS Power	125 kW
System Configuration	1P260S
Nominal DC Voltage	728 ~ 949 V
AC Voltage	400 V
Depth of Discharge	100%
System Efficiency	max 90.08%
Ambient Temperature	Between -20 °C and 45 °C
Relative Humidity	<95% non-condensing
Altitude	<4.000 m AMSL
Protection Level Cabinet	IP55
Protection Level Pack	IP67
Cooling Method	Liquid cooled
Fire Suppression Agent	Aerosol
Communication Method	API, TCP/IP
Conformity	CE, IEC 62619, IEC 61000, IEC62933-5-2, IEC62477, IEC 63056, UL9540A, EU grid codes