

Product Features & Layout

Premium quality cells

Built with A-grade LiFePO4 cells for inherent resilience against fade.

Modular storage layout

Contains 15 x battery modules, PCS & MPPT. Scalable up to 20P (2.1MW / 4.8MWh).

Compact by design

Total footprint required = 1.85m².
Total volume occupied < 4.1m³.

Intelligent integrated BMS

Multi-tier balancing & serial integration capability with leading peripherals.

Quick & easy to deploy

Pre-configured & tested in-house for expedited installation & peace of mind.

Environmentally resilient

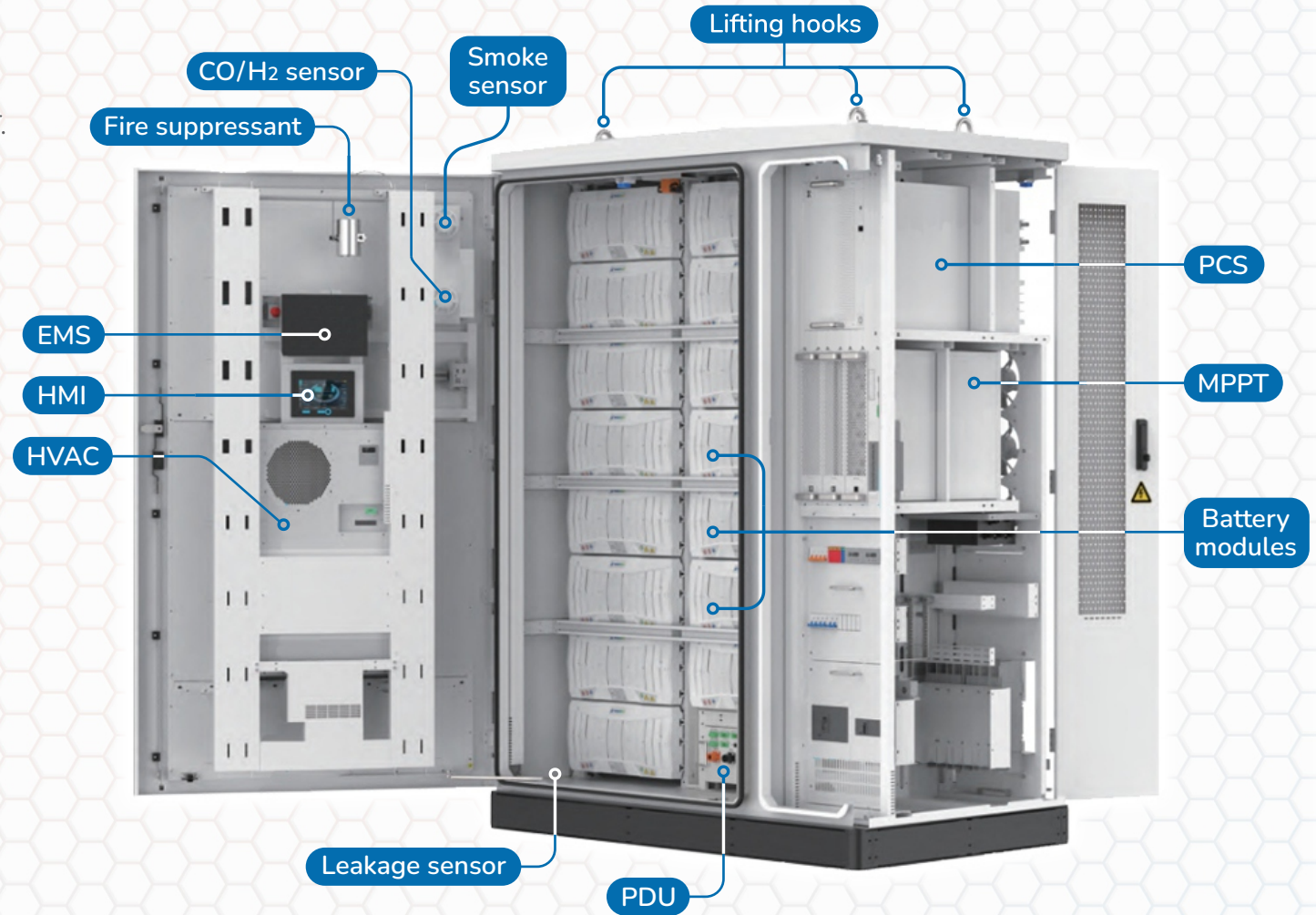
IP55 certified to allow for deployment in almost any outdoor location.

Unparalleled protection

Autonomous temperature control, fire suppression & multi-sensor array.

Cloud-based monitoring

On-demand remote monitoring via most web-connected smart devices.



◊ Affordable ◊ Reliable ◊ Scalable ◊ Efficient ◊ Safe

Technical Specifications



AC SPECIFICATIONS

Rated power	105kW
Maximum power	115kW
Grid type	3P+N+PE / 3P+PE
Rated grid voltage	400VAC
Grid frequency	50 / 60Hz
EMC & safety standards	IEC/EN 62477, IEC/EN 61000
Grid connection standards	EN 50549-1/-2, G99, VDE 4105, NRS 097, C10/11, NTS 631, VDE 4110

DC SPECIFICATIONS

Battery nominal voltage	768V
Battery voltage range	672 ~ 864V
Battery capacity	241kWh @C2, 25°C
PV rated power	100kWp (2 x 50kWp) / Max. 3 x 50kWp
MPPT number	3 / 2
Max. current (PV side)	300 / 550A
Voltage (PV side)	300 ~ 720V

GENERAL SPECIFICATIONS

Ingress protection	IP55
Operating temperature range	-20 ~ 45°C
Storage temperature range	-30 ~ 60°C
Max. altitude	< 2000m
Relative humidity range	5 ~ 95% (non-condensing)
Cooling method	Air-cooling
Communication	MODBUS
Dimensions (W x D x H)	1600 x 1140 x 2240mm
Weight	±2.4t