

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 & 1 x PCS.
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 |
| THDi | ≤ 5% |
| 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

| | |
|---------------|------------|
| Rated voltage | 768V |
| Voltage range | 672 ~ 864V |
| Rated energy | 241kWh |

GENERAL SPECIFICATIONS

| | |
|-----------------------------|--|
| Ingress protection rating | 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 |
| Net weight (unboxed) | ±2.4t |
| Certification | CE-EMC, CE-LDV, IEC 62619, IEC 63056, CEI-016/-021, UN38.3 |