

# Product Features & Layout

### Premium quality cells

Built with A-grade 280Ah LiFePO<sub>4</sub> cells.  
Inherently resilient against accelerated fade.

### Modular storage layout

Contains 11 x 14.3kWh modules (158kWh).  
Scalable up to 20P units (±3.15MWh).

### Compact by design

Total footprint required = 1.2m<sup>2</sup>.  
Total volume occupied < 2.6m<sup>3</sup>.

### Intelligent integrated BMS

Multi-tier balancing & serial communication  
with inverters of leading manufacturers.

### Quick & easy to deploy

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

### Environmentally resilient

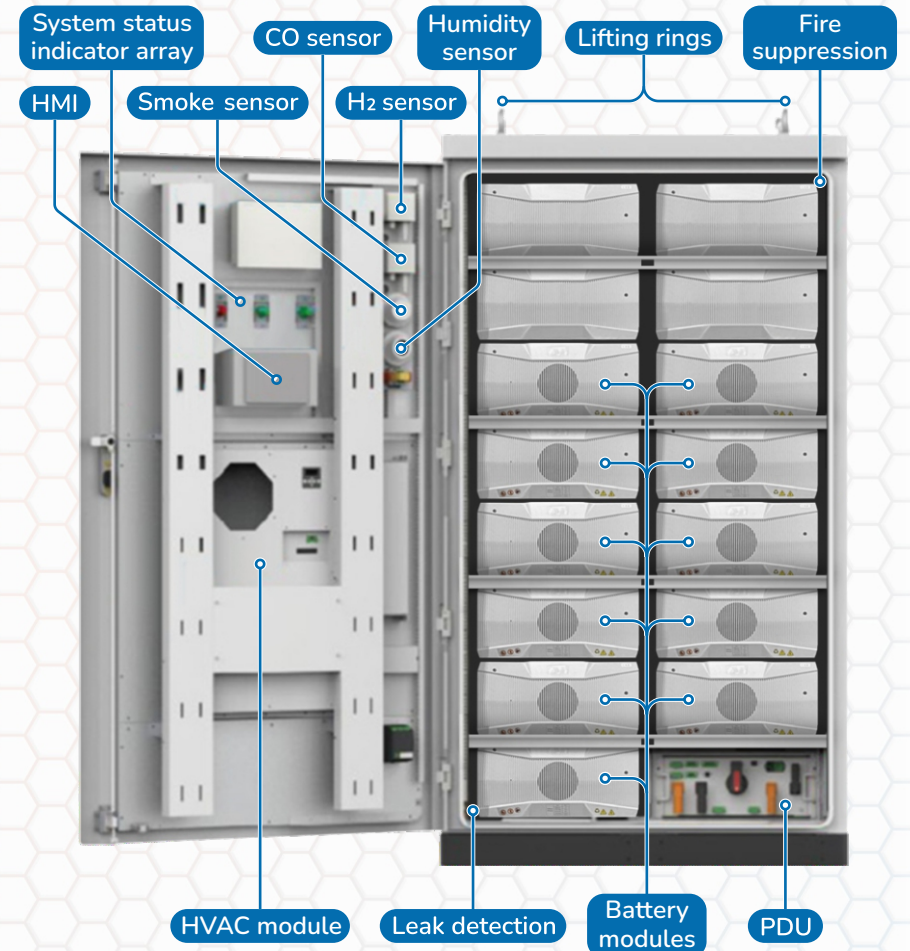
IP55 certified for quick & easy deployment  
in almost any outdoor location.

### Unparalleled protection

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

### Cloud-based monitoring

On-demand remote access to system  
health & performance indicators.



◊ Affordable ◊ Reliable ◊ Scalable ◊ Efficient ◊ Safe

# Technical Specifications

## VOLTAGE, CURRENT & CAPACITY

Nominal voltage	563.2V
Operating voltage range	492.8 ~ 633.6V
Rated cell capacity	280Ah @C2, 25°C
Rated energy capacity	157 696Wh
Max. charge / discharge rate	0.5C

## ENVIRONMENTAL & SAFETY SPECIFICATIONS

Operating temperature range	-20°C ~ 45°C
Storage temperature range	-30°C ~ 55°C
Max. altitude	≤2000m
Max. humidity	≤95% (non-condensing)
Ingress protection rating	IP55
Certification	CE-EMC; CE-LVD; IEC62619 UN38.3; MSDS

## INTEGRATED SUPPORTING SYSTEMS

Temperature regulation	Autonomous air cooling
Fire suppression system	Aerosol
Serial communication	MODBUS TCP/IP

## PHYSICAL SPECIFICATIONS

Dimensions (W x D x H)	1200 x 1000 x 2100mm
Net weight (unboxed)	≤2.0t

