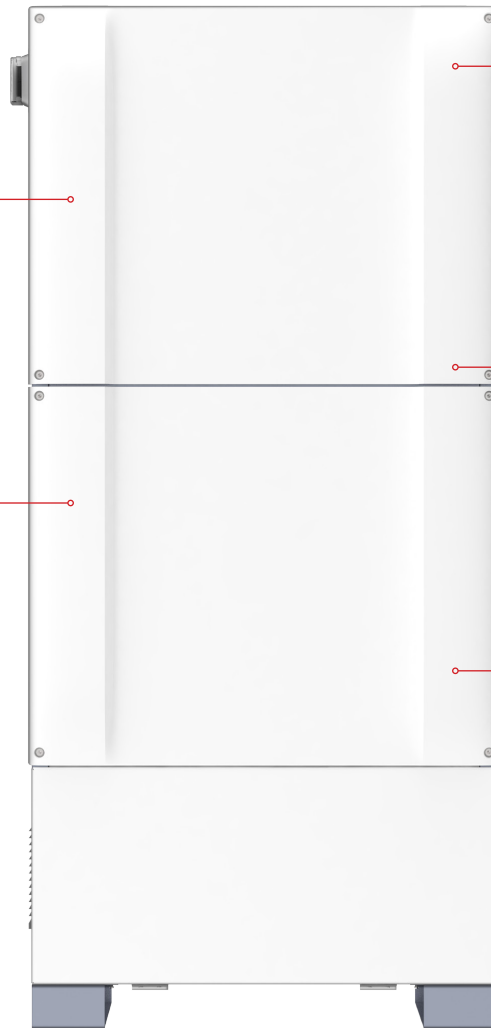


# Smart Hybrid Battery Enclosure BE14000-HV



## Fan

Dual variable speed fans controlled by charge/discharge rate.

## Front panels

Powder coated, durable and die cast aluminium covers.

## Outdoor rated

IP54 rating for inside or outside install.

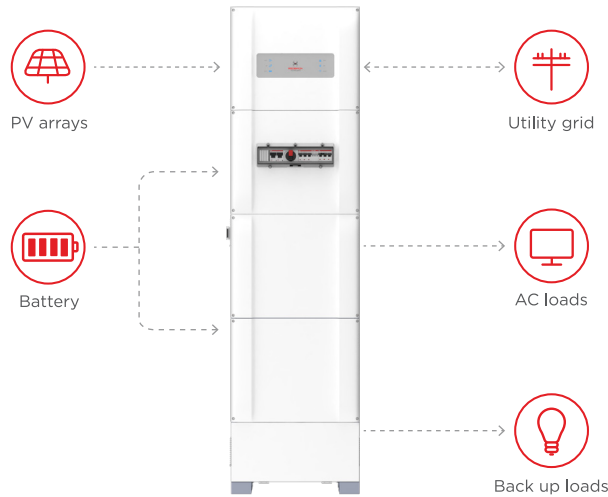
## Prewired

For safe and fast installation.

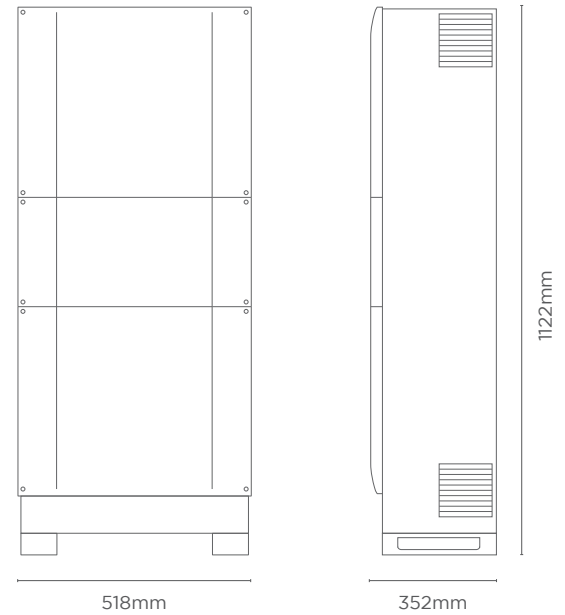
## Capacity

Expandable  
9.6 - 28.4kWh.

## Energy flow



## Dimensions



## Specifications

### Battery enclosure

Number of battery units	4 x 19" rack mountable battery packs
Storage capacity	Expandable from 9.6kWh up to 28.4kWh with expansion pack
Battery compatibility	<b>9.6kWh</b> - 4 x PylonTech H48050 2.4kWh <b>or</b> <b>14.2kWh</b> - 4 x PylonTech H48074 3.55kWh batteries
Battery voltage	48V DC nominal per battery therefore 192V - 240V max
Battery chemistry	Lithium-ion Phosphate
Battery breaker	Included
Battery management system	Included with ST10000
Access type	Removable front panels

### Sold as a component of the Smart Three Phase Hybrid System

### Cable specification

Battery cable rating	25A
Battery cable type	8 AWG (8.36mm <sup>2</sup> )
Battery cable termination (battery enclosure)	Surlok Amphenol connector
Battery cable termination (inverter)	Surlok Amphenol connector

### Ventilation specification

Ventilation type	Passive and active cooling
Ventilation control	Smart temperature control
Number of fans	2
Fan power	12V DC / 0.13A per fan
Fan activation temperature	Variable depending on charge/discharge
Incoming ventilation aperture	288cm <sup>2</sup> with washable filter
Outgoing ventilation aperture	288cm <sup>2</sup> with washable filter
Passive airflow rate	30cm <sup>3</sup> /min
Active airflow rate	320cm <sup>3</sup> /min

### General Data

External dimension (W x H x D)	W 518mm x H 1122mm x D 352mm (with feet)
Mounting and weight - empty	32kg rear fixing
Mounting and weight - with batteries	128* - 160kg** *BE14000-HV + 4 x H48050, **BE14000-HV + 4 x H48074
Ambient temperature range	Based on battery specification
Environmental protection rating	IP54 - protected from rain, splashing and spraying
Noise emissions	Less than 25dB
Warranty	5 Years
Construction	Powder coated steel chassis
Finish	Sealed, powder coated front covers and chassis
Supply	Ships pre-assembled (excluding batteries)
Maintenance	Externally serviceable dust filters