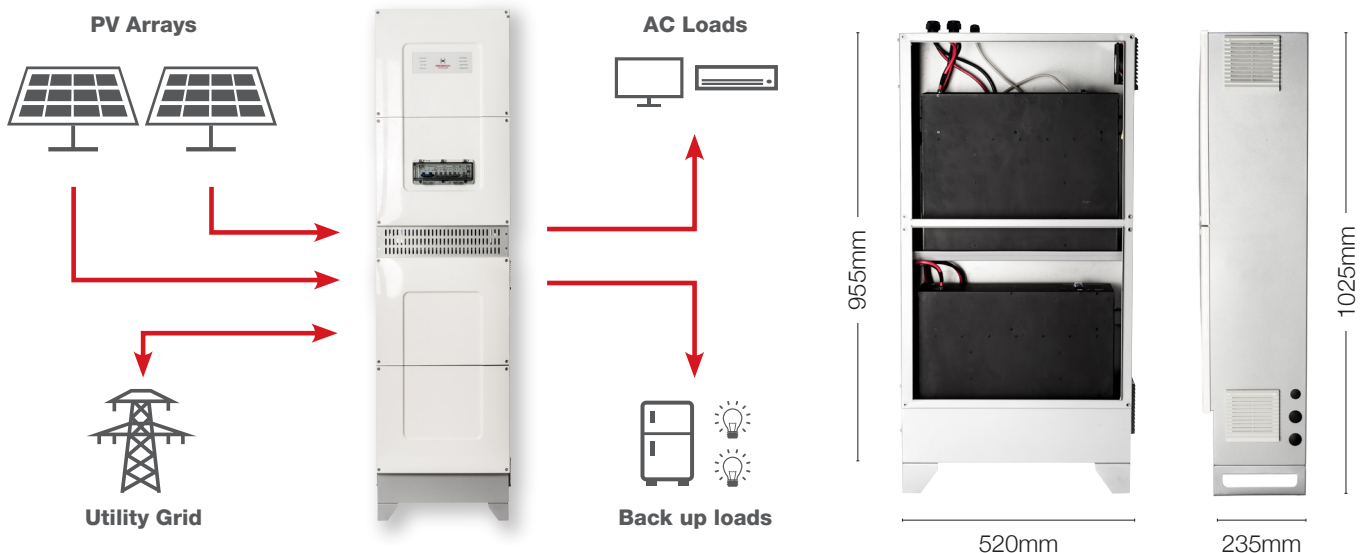


Smart Hybrid Battery Enclosure



- **IP54 battery enclosure**
robust powder coated cast aluminium
- **Pre-wired connections**
for quick installation
- **Floor or wall mounting**
easy to install in any location
- **Fan ventilation**
to increase battery life
- **Modular design**
add additional storage as demand increases
- **All cables supplied**
for quick battery setup and commissioning

About the tech



Smart Hybrid Battery Enclosure

Battery Enclosure		BE4800
Number of battery units	2 x 19" rack mountable battery packs	
Storage capacity	4.8kWh (2 x 2.4kWh batteries)	
Total capacity per enclosure / power	4.8kW (2 x 2.4kW)	
Battery voltage	48V	
Alternative battery technologies	Yes	
Access type	Fixed screw front panels	
Cable Specification		
Battery cable rating	2 x 60A	
Battery cable type	8 AWG = 8.36mm ²	
Battery cable length	1.2m	
Battery cable termination (battery end)	DYNAMIC D-5200S	
Battery cable termination (SH4600 end)	Amphenol H4 (65Amp)	
BMS cable type	CAT 5e	
BMS cable length	1.2m	
BMS cable termination	RJ11 & RJ45	
Ventilation Specification		
Ventilation type	Fanned / Screen louvered vents	
Ventilation control	Automatic temperature controlled	
Fan rating	48V DC / 0.13A	
Fan air volume rate	1.6m ³ /min or 96m ³ /hour	
Thermostat trigger point	45°C	
Incoming ventilation aperture	120mm x 120mm	
Outgoing ventilation aperture	120mm x 120mm	
Unfanned airflow rate	15cm ³ /min	
Fanned airflow rate	160cm ³ /min	
General Data		
External dimension (W x H x D)	W 520mm x D 235mm x H 955mm (with legs 1025mm)	
Mounting and weight - empty	Wall or floor (rear fixing) 25kg	
Mounting and weight - with batteries	Wall or floor (rear fixing) 75kg (typically with 2 x 2.4kWh batteries)	
Ambient temperature range	Based on battery specification	
Environmental protection rating	IP54	
Cooling	Natural convection and/or fanned	
Noise emissions	Less than 25dB	
Warranty	5 Years	
Construction	High grade aluminium with cast front covers	
Finish	Fully sealed, powder coated front covers	
Supply	Ships pre-assembled	