



ENEPOWER

OUTDOOR BATTERY STORAGE CABINETS

NEW IMPROVED DESIGN

IP55 RATED. IEC 60529:2013 STANDARD*



Streamline solar installations with **Enepower's EBC XD outdoor cabinet range.**



The smart cabinet designs provide robust housing of 19" rack-mount battery systems and power conversion equipment. These heavy duty and insulated cabinets protect off-grid or backup systems against the elements, damage and interference, now with extra depth (XD) to accommodate modules up to 530mm depth. The modular designs allow for customisation in size, power input/output, and cooling requirements.

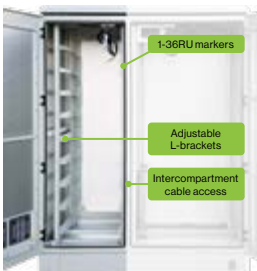
- 10mm NBR insulation used throughout
- Multiple cable fixing points for easy wiring
- Powder coated, sturdy galvanised steel construction
- Adjustable brackets to accommodate different battery modules
- Key and pad-lockable door handles, with 3-point locking mechanism

EBC40H-XD series

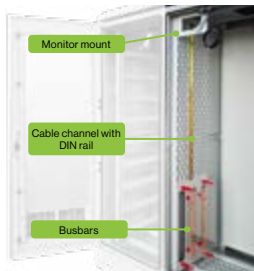
UP TO
46.08
kWh Storage Capacity

The EBC40H-XD series is an all-in-one battery and PCE cabinet designed for system up to 46.08kWh. This side-by-side cabinet is adaptable to house various system designs and component sizes.

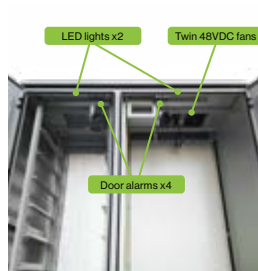
The EBC40H-XD cabinets provide simple system setup to minimise time on site with innovative centre mullion dividing wall & rear access.



Easy inter-compartment cable access.



DIN rail for breaker mounting.



Internal lights and door alarms.



Model	EBC40H-XD-ODFAN	EBC40H-XD-ODAIR
No. of modules	4RU x 9 units <i>(factory configured)</i> 3RU x 10 units	
Convection: Battery Space	DC 48V 150mm fans x 2	DC 48V/1500W A/C
Convection: PCE Space	DC 48V 150mm fans x 2	DC 48V 150mm fans x 2
Earthing	Plinth with 2 included Earthing Blocks <i>(Long side mount)</i>	
Construction	Galvanised steel	
Total Weight (nett)	408 kg	435 kg
Total Weight (packaged)	463 kg	495 kg
Dimensions (L x W x H)	730 x 1500 x 2000mm	890 x 1500 x 2000mm
IP rating	IP55	
Warranty (Cabinet)	36 Months <i>*T&C Apply</i>	
Warranty (A/C Unit)	N/A	12 Months <i>*T&C Apply</i>

Available in 2 versions



Cabinet with fans only
Model: EBC40H-XD-ODFAN



Cabinet with A/C unit
Model: EBC40H-XD-ODAIR

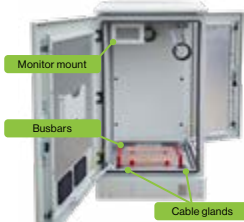
EBC25H-XD series

UP TO
25.6
kWh Storage Capacity

The EBC25H series offers an innovative front/back orientated design with battery in the front being A/C or fan cooled, and system components housed in a 3-door accessible section at the rear, and accommodate up to 25.6kWh of compact battery storage.



4 door access each with a lock and key.



PCE compartment with 3 door access.



Adjustable height shelves for different modules.



Model	EBC25H-XD-ODFAN	EBC25H-XD-ODAIR
No. of modules	4RU x 5 units (factory configured) 3RU x 6 units	
Convection: Battery Space	DC 48V 120mm fans x 2	DC 48V/500W A/C
Convection: PCE Space	DC 48V 120mm fans x 2	DC 48V 120mm fans x 2
Earthing	Plinth with 2 included Earthing Blocks	
Construction	Galvanised steel	
Total Weight (nett)	210 kg	223 kg
Total Weight (packaged)	248 kg	260 kg
Dimensions (L x W x H)	1000 x 651 x 1315mm	1151 x 651 x 1315mm
IP rating	IP55	
Warranty (Cabinet)	36 Months *T&C Apply	
Warranty (A/C Unit)	N/A	12 Months *T&C Apply

Available in 2 versions



Cabinet with fans only
Model: EBC25H-XD-ODFAN



Cabinet with A/C unit
Model: EBC25H-XD-ODAIR

EBC20V and EBC26H

The EBC20V and EBC26H is a battery storage cabinet with the same dimensions and footprint, adaptable for vertical (EBC20V) or horizontal (EBC26H) mounted modules.



Adjustable height shelves.



48V DC fans to keep batteries cooler.



Wall fastening brackets for safety.



UP TO
20.48
kWh Storage Capacity

max. vertical mounted

UP TO
25.6
kWh Storage Capacity

max. horizontal mounted

Model	EBC20V-ODFAN	EBC26H-ODFAN
No. of modules	4RU x 4 units 3RU x 6 units	4RU x 5 units 3RU x 6 units
Convection	DC 48V 120mm fans x 2	
Construction	Galvanised steel	
Total Weight (nett)	66 kg	70 kg
Total Weight (packaged)	73 kg	76 kg
Dimensions (L x W x H)	580 x 600 x 1235mm	
IP rating	IP55	
Warranty (Cabinet)	36 Months *T&C Apply	



For vertical mounted batteries
Model: EBC20V-ODFAN



For horizontal mounted batteries
Model: EBC26H-ODFAN



Why choose Enepower Battery Cabinets?

Safely housing batteries and associated equipment is paramount in ensuring a long service life of any installation.

The Enepower EBC range has been designed to do just that with the IP55 rated heavy duty construction using powder-coated galvanised steel, coupled with robust door hinges and locking mechanisms, and effective convection methods to keep equipment cool in Australia's harsh environment.

Adaptable to accommodate whatever brand of battery modules, inverters, MPPT's and switchgear you use, the EBC range is worth considering.

For indoor or protected installations, we also encourage you to check out the Enepower indoor rack & cabinet range.

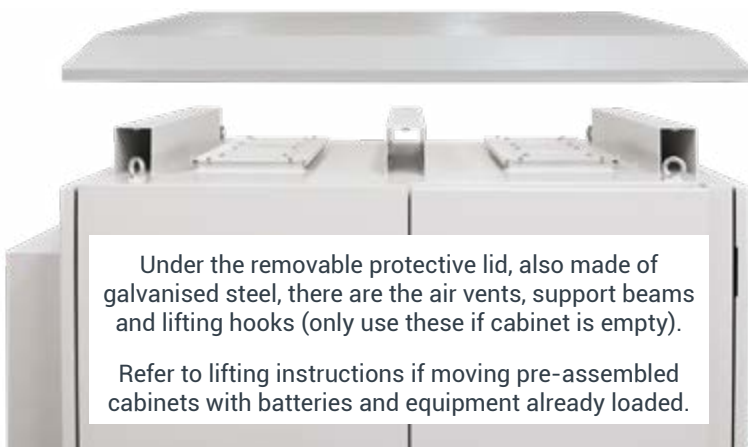
For more information:

Master Instruments Pty Ltd
13 Sheridan Close, Milperra NSW 2214

E: sales@master-instruments.com.au

P: +61 2 9519 1200

W: www.master-instruments.com.au



Under the removable protective lid, also made of galvanised steel, there are the air vents, support beams and lifting hooks (only use these if cabinet is empty).

Refer to lifting instructions if moving pre-assembled cabinets with batteries and equipment already loaded.

**Manufactured to IEC/AS Compliance Standard.*

Applications:

- Renewable energy storage systems (ESS) for solar, wind and other alternative energy conversion facilities.
- Commercial and industrial energy storage.
- Power backup in electric utilities.
- Off-grid systems.
- Telecommunications.
- Remote power infrastructure.

