



# ENEPOWER

## OUTDOOR BATTERY STORAGE CABINETS

IP55 RATED. IEC 60529:2013 STANDARD.



### Streamline your solar installations with Enepower's new EBC outdoor battery cabinet range.

The smart cabinet designs provide the safe, efficient, and reliable housing of 19" rack-mount battery systems and associated power conversion equipment.

Featuring a heavy duty & insulated construction to protect against the elements, damage and interference, the modular designs allow for customisation in size, power input/output, and cooling requirements.

Minimise your time on site with Enepower's EBC cabinet range.





- 10mm NBR insulation used throughout
- Multiple cable fixing points for easy wiring
- Powder coated, sturdy 2mm galvanised steel construction
- Adjustable brackets to accommodate different battery modules
- Key and pad-lockable door handles, with 3-point locking mechanism

# EBC40H series

UP TO

## 40.92

kWh Storage Capacity

The EBC40H series is an all-in-one battery and PCE cabinet designed for system up to 40.92kWh. This side-by-side cabinet is adaptable to house various system designs and component sizes.

With innovative centre mullion dividing wall & rear access capability, the EBC40H series provides simple system setup to minimise time on site.



Easy inter-compartment cable access.



DIN Rail for breaker mounting.



Internal lights and door alarms.



Model	EBC40H-ODFAN	EBC40H-ODAIR
No. of modules	4RU x 8 units (factory configured) 3RU x 10 units (2 x angled brackets included)	
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 (Long side mount)	
Construction	Galvanised steel	
Total Weight (nett)	335 kg	362 kg
Total Weight (packaged)	355 kg	385 kg
Dimensions (L x W x H)	650 x 1500 x 2000mm	810 x 1500 x 2000mm
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: EBC40H-ODFAN



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



# EBC25H series

UP TO  
**25.6**  
kWh Storage Capacity

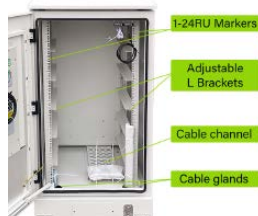
The EBC25H series offers an innovative front/back orientated design with battery in the front being A/C or fan cooled, and system components housed in a 3-door accessible section at the rear, and accommodate up to 25.6kWh of compact battery storage.



Innovative front/back design.



PCE compartment with 3 door access.



Adjustable height shelves for different modules.



4 door access for easy installation and maintenance, each with a lock and key.

Available in 2 versions



Cabinet with fans only  
Model: EBC25H-ODFAN



Cabinet with A/C unit  
Model: EBC25H-ODAIR

Model	EBC25H-ODFAN	EBC25H-ODAIR
No. of modules	4RU x 5 units (factory configured) 3RU x 6 units (2 x angled brackets included)	
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)	170 kg	192 kg
Total Weight (packaged)	183 kg	208 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

# EBC20V

UP TO  
**20.48**  
kWh Storage Capacity

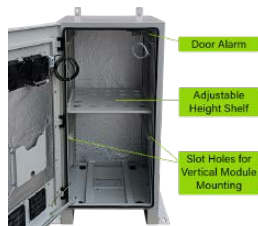
The EBC20V is a simple yet effective storage solution for up to 20.48kWh of battery storage. The vertical orientated module mounting allows for simple battery connections, whilst utilising the space efficiently.



Vertical module fitment design.



48V DC fans to keep batteries cooler.



Adjustable height shelves.



Cabinet with fans only  
Model: EBC20V-ODFAN

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



## Why choose Enepower Battery Cabinets?

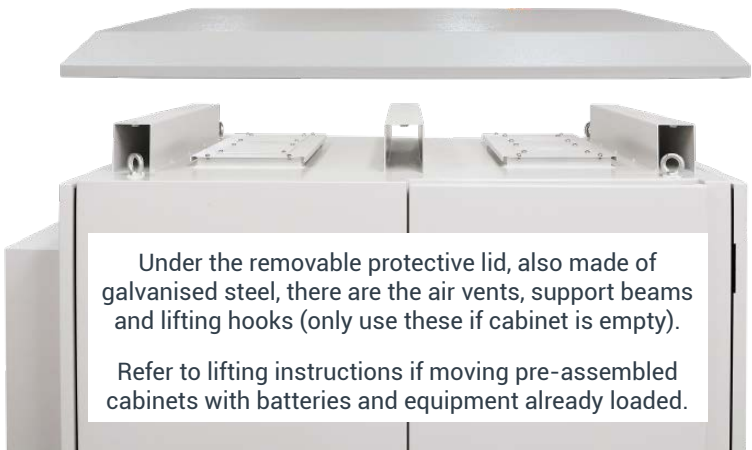
Safely housing batteries and associated equipment is paramount in ensuring a long service life of any installation.

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 checkout 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](mailto:sales@master-instruments.com.au)  
**P:** +61 2 9519 1200  
**W:** [www.master-instruments.com.au](http://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.

### 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.