



4x4RU

6x3RU

IP55

20.48kWh Battery Cabinet -

IP55 Rated Field Enclosure to suit rack-mount batteries

TECHNICAL SPECIFICATIONS

Model	EBC20V-ODFAN
No. of modules	4RU x 4 units 3RU x 6 units
Convection	DC 48V 120mm Fans x 2
Mounting	Floor
Securing	2 x Heavy Duty L Brackets (Full length Side)
Battery Interconnection	F
Cable Entry	Floor mounted cable glands (4 x 45mm per enclosure)
Total Weight (nett)	66 kg
Total Weight (packaged)	73 kg

Construction

Body	1.5mm galvanised steel
Mounting Rails/Panels	2.0mm galvanised steel
Doors	1.5mm galvanised steel
Opening Degree	Front door 120°
Plinths	2.5mm galvanised steel
Colour	Powder coated RAL7035 (grey)
Thickness	80-120µm
Door Seal	(EPDM) Ethylene Propylene Diene Monomer Temperature Resistance B2
Cabinet Insulation	(NBR) Nitrile Butadiene Rubber (10mm) Temperature Resistance B2

Standards

IEC / AS Compliance Standard	ANSI-310-D, IEC 297-2, DIN 41491/41494
Certification (by Application)	CE, RoHS

Protection

Compliance Standard	IEC 60529:2013
IP rating	IP55
Warranty (Cabinet)	36 Months (3 Years) <small>*T&C Apply</small>

FEATURES

The EBC20V-ODFAN is a fan cooled and insulated battery storage solution suitable for indoor and outdoor installations.

- Heavy duty galvanised steel construction.
- Vertically houses up to 4 x 4RU sized rack modules (or 6 x 3RU).
- IP55 ingress rating.
- Removable front metal door with three-point keyed-alike handle locks with staple for a padlock
 - Door stay set at 120°
 - Door alarm
- Twin 48VDC cooling fans with temperature control
 - A 24/48 DC-DC converter is required for 25 Volt battery systems.
- Adjustable height solid shelf.
- 4 x cable glands in base plate.
- Floor mount plinths with full length L brackets to secure cabinet.
- Top brackets for secure wall fastening.
- Handy document pocket.
- Removable filters.
- 4 x lifting hooks.



All specifications are correct at time of creation. All specifications and operation conditions contained in this datasheet are subject to change or improvement without prior notice to the user. This data is for evaluation purposes only. No guarantee is intended or implied by this data. For clarification and updated information, please contact us.



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DIMENSIONS (mm)

Complete

Length/Depth	580
Width	600
Height	1235

Battery Space per Level

Length/Depth	470
Width	447
Height	420



Internal view



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ENEPOWER

EBC20V-ODFAN

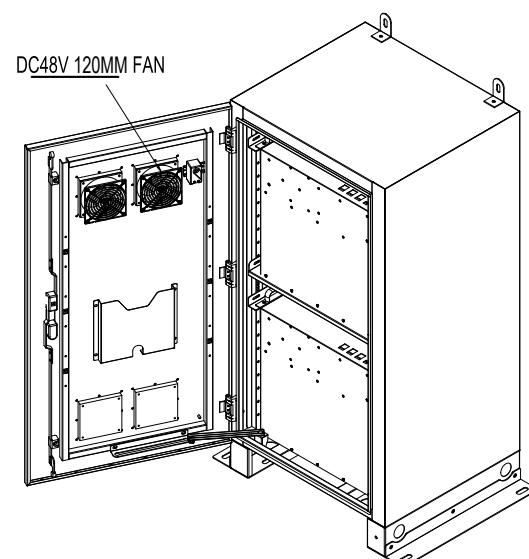
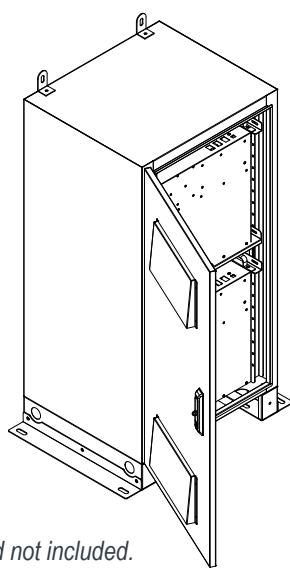
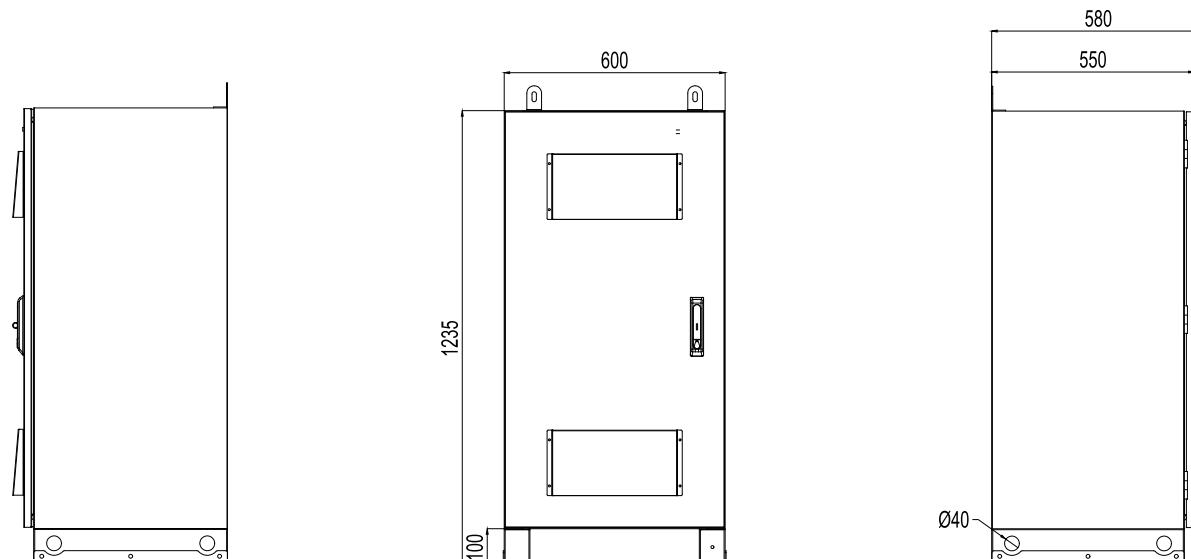
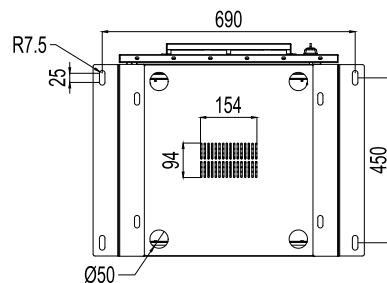
Protective Battery Cabinet

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DRAWINGS



**Batteries depicted not included.*

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