

**5x4RU****6x3RU****IP55**

25.6kWh Battery Cabinet -

IP55 rated field enclosure with extra depth to suit longer rack-mount batteries and associated power conversion equipment

TECHNICAL SPECIFICATIONS

Model	EBC25H-XD-ODFAN (c/w fan)
No. of modules	4RU x 5 units <i>(factory configured)</i> 3RU x 6 units
Convection: Battery Space	DC 48V 120mm fans x 2
Convection: PCE Space	DC 48V 120mm fans x 2
Mounting	Floor
Securing	4 x Heavy Duty L brackets
Earthing	Plinth with 2 included Earthing Blocks
Max continuous current (Busbar)	1000A
Battery Interconnection	By others subject to brand choice
Cable Entry	2 x 40mm floor cable glands per enclosure
Total Weight (nett)	210 kg
Total Weight (packaged)	248 kg

Construction

Top roof, A/C external housing, and cable tray	1.5mm galvanised steel
Main cabinet, front door, 19" rails, and mounting plate	2.0mm galvanised steel
L-shaped battery support bracket and bottom plinth	2.5mm galvanised steel
Opening Degree	Front/Back door 120° Side doors 100°
Plinths	2.5mm galvanised steel (Screwed access covers all sides)
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
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Protection

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

Also available with aircon unit
Model: EBC25H-XD-ODAIR



FEATURES

The EBC25H-XD-ODFAN is a fan cooled and insulated dual compartment battery storage solution suitable for indoor and outdoor installations.

- Innovative front-back design to separate batteries from power conversion equipment.
- Heavy duty and insulated galvanised steel construction.
- IP55 ingress rating.
- Multiple gasketed door access points via removable metal doors with three-point keyed-alike handle locks with staple for a padlock.
- Twin 48VDC fans with thermostat.
- 5 x adjustable height L brackets/rails for 5 x 4RU module installation. Capacity to fit 6 x 3RU (extra set of L-brackets required, not included).
- Two 330mm x 60mm x 8mm copper busbars with 8mm bolts for battery connection.
- Acrylic busbar cover, busbar insulators and stainless steel bolts.
- Handy DC 48V internal LED lights, one on each side.
- Document pocket.
- Removable filters.
- 4 x floor mounting brackets.
- 4 x lifting hooks to assist with cabinet placement.
- Addition of full height slotted mounting board. This can be utilised for mounting addition PCE and / or for cable management. It is interchangeable for use on either left- or right-hand side orientation.
- Extra cabinet depth to suit certain battery modules with up to 530mm depth.



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DIMENSIONS (mm)

Complete * Door Fittings Not Included

Length/Depth	1077
Width	651
Height	1315

Battery Compartment

Max Battery Depth	530
Width (Between Rails)	447
Usable Rack Height	980

PCE Compartment

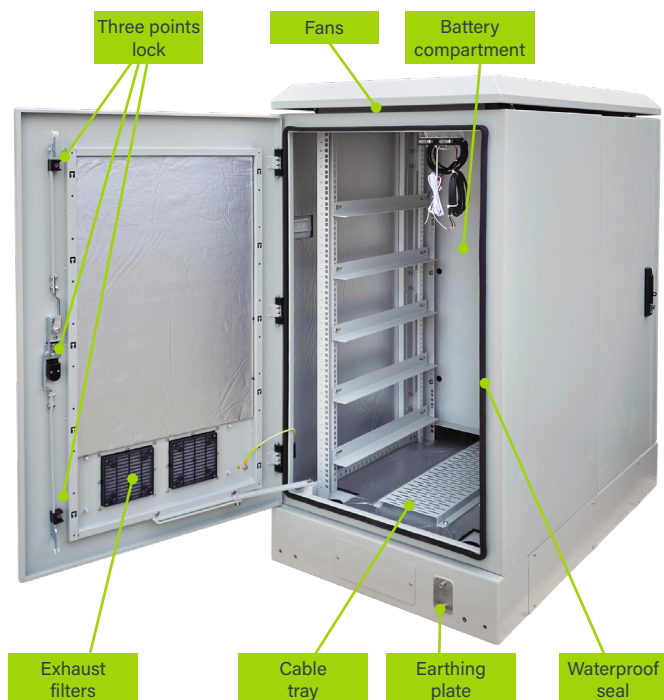
Length/Depth	300
Width	535
Height	945

Escutcheon Area

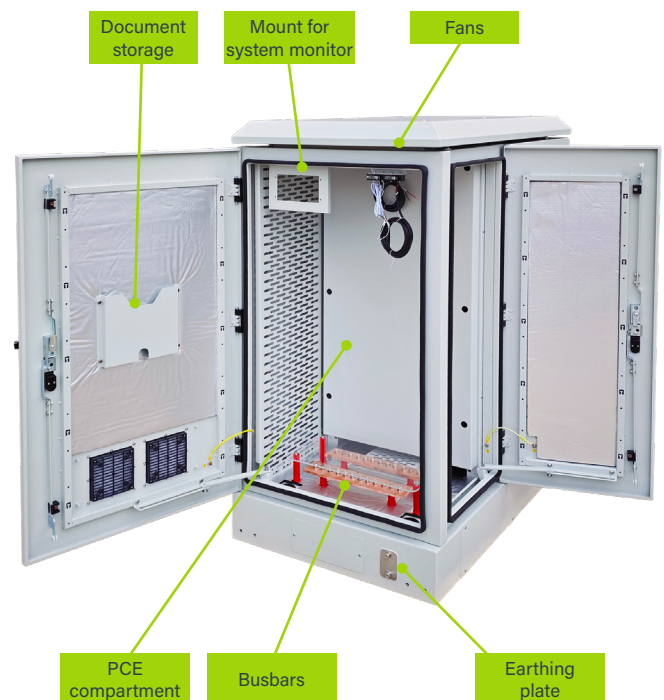
Width	512
Height	1020
Max Equipment Height	355



Battery compartment side



PCE compartment side



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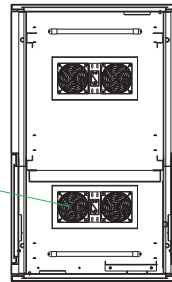
5x4RU

6x3RU

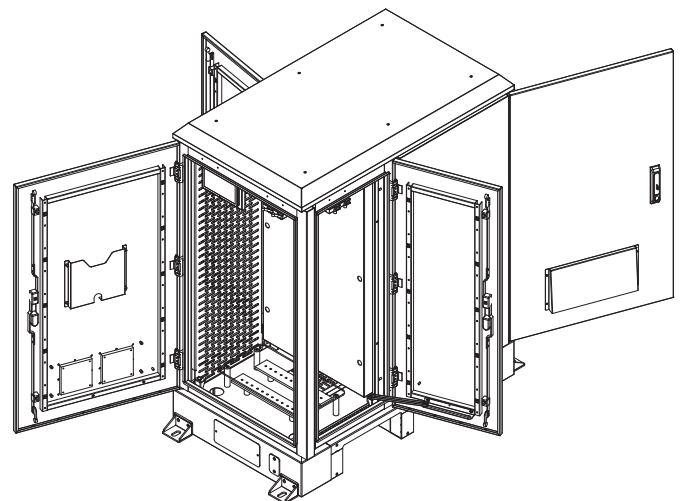
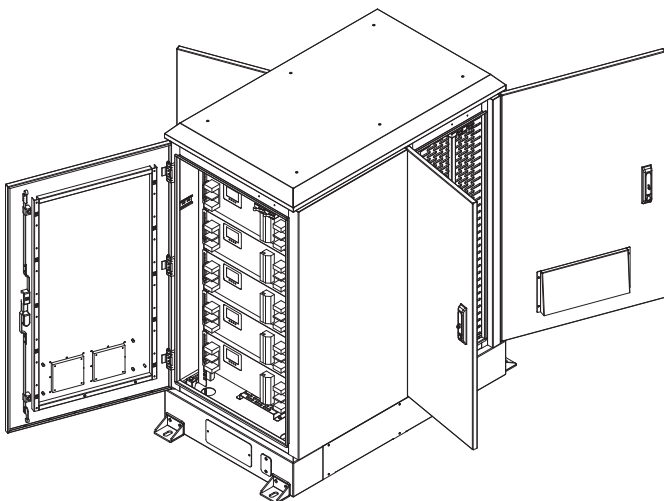
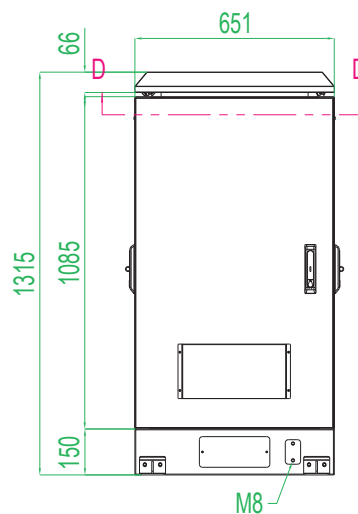
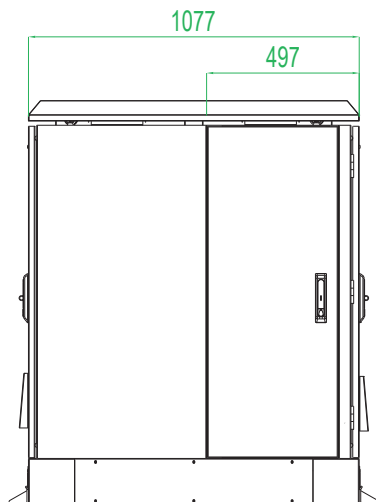
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DRAWINGS

DC48V/120MM FAN



SECTION D-D



**Batteries depicted not included.*

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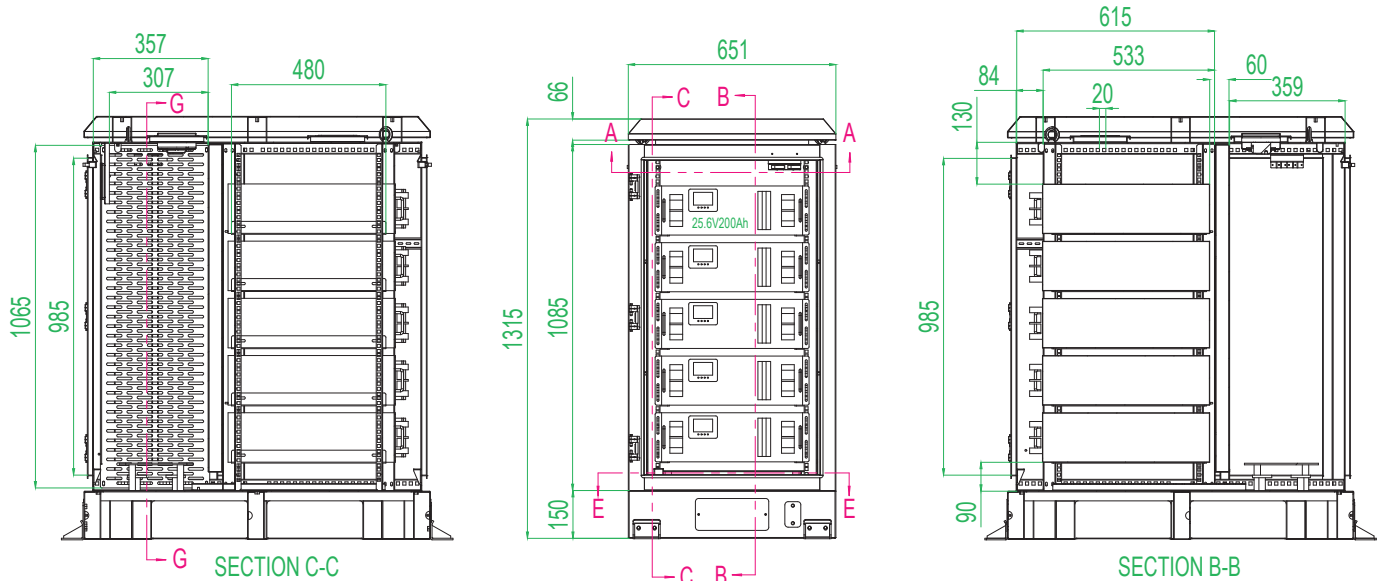
5x4RU

6x3RU

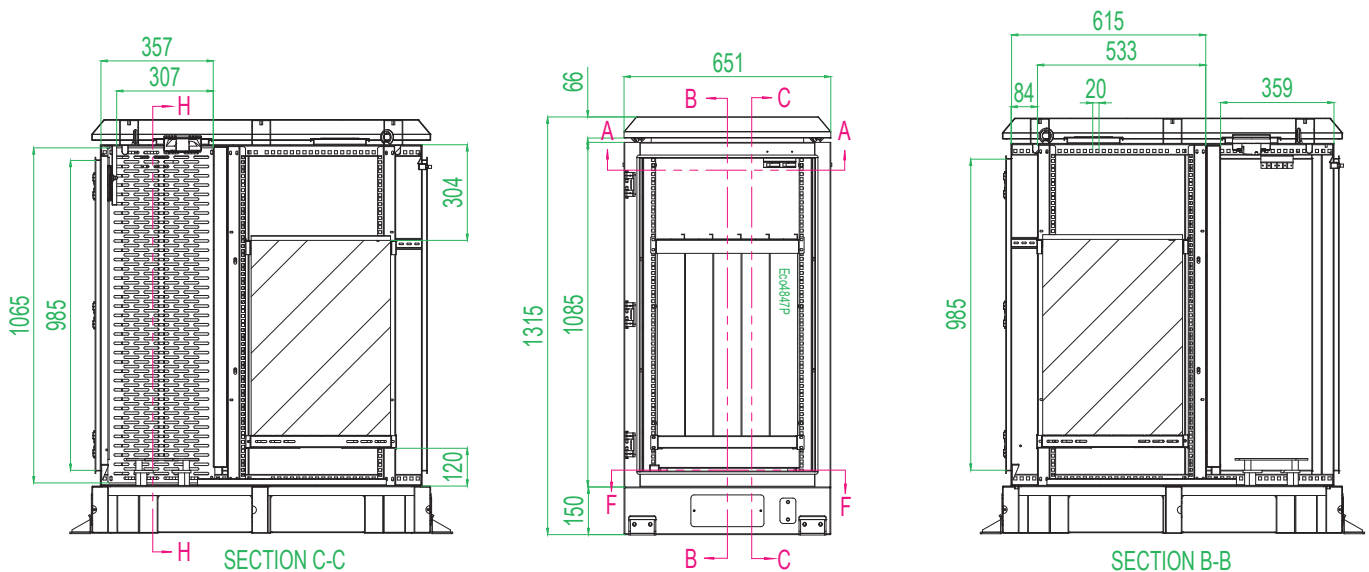
IP55

DRAWINGS

Example with horizontally mounted batteries.



Example with vertically mounted batteries.



All batteries depicted are for illustrative purposes only and are not included with the cabinet.

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