

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

25.6kWh Battery Cabinet -

Air Conditioned IP55 rated field enclosure to suit rack-mount batteries and associated power conversion equipment

TECHNICAL SPECIFICATIONS

Model	EBC25H-ODAIR
No. of modules	4RU x 5 units <i>(factory configured)</i> 3RU x 6 units <i>(2 x angled brackets included)</i>
Convection: Battery Space	DC 48V/500W Air Conditioner
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 45mm floor cable glands per enclosure
Total Weight (nett)	192 kg
Total Weight (packaged)	208 kg

Construction

Body	2.0mm galvanised steel
Mounting Rails/Panels	2.0mm galvanised steel
Doors	2.0mm 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 (Cabinet)	36 Months (3 Years) *T&C Apply
Warranty (A/C Unit)	12 Months (1 Year) *T&C Apply

FEATURES

The EBC25H-ODAIR is an airconditioned 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.
- DC 48V 500W air conditioning unit - battery compartment.
- Twin 48VDC fans with thermostat - PCE compartment.
- 6 x adjustable height L brackets/rails for module installation (5 pre-installed).
- 2 x 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.
- Document pocket.
- Removable filters.
- 4 x floor mounting brackets.
- 4 x lifting hooks to assist with cabinet placement.



Also available with fans only
Model: EBC25H-ODFAN



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5x4RU

6x3RU

IP55

DIMENSIONS (mm)

Complete * Door Fittings Not Included

Length/Depth	1151
Width	651
Height	1315

Battery Compartment

Max Battery Depth	427
Width	447
Usable Rack Height	880

PCE Compartment

Length/Depth	425
Width	590
Height	1085

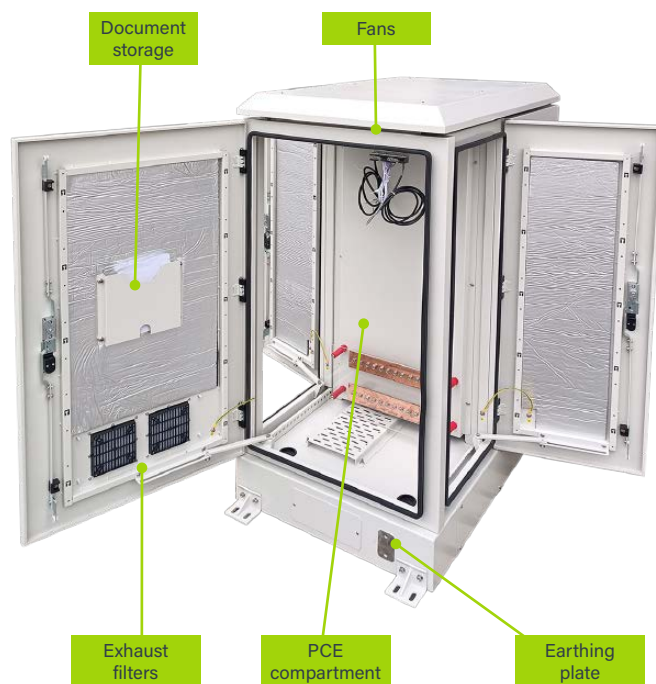
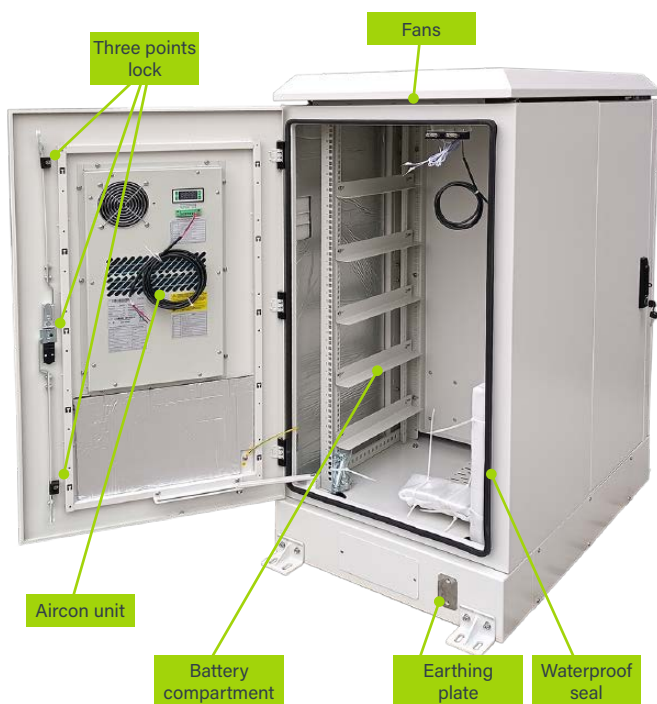
Escutcheon Area

Width	440
Height	1085
Max Equipment Height	395



Battery compartment side

PCE compartment side





ENEPower

EBC25H-ODAIR

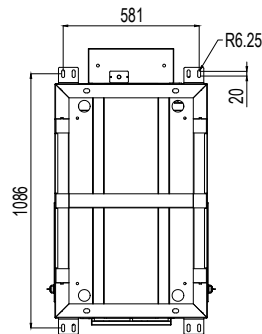
Protective Battery Cabinet

5x4RU

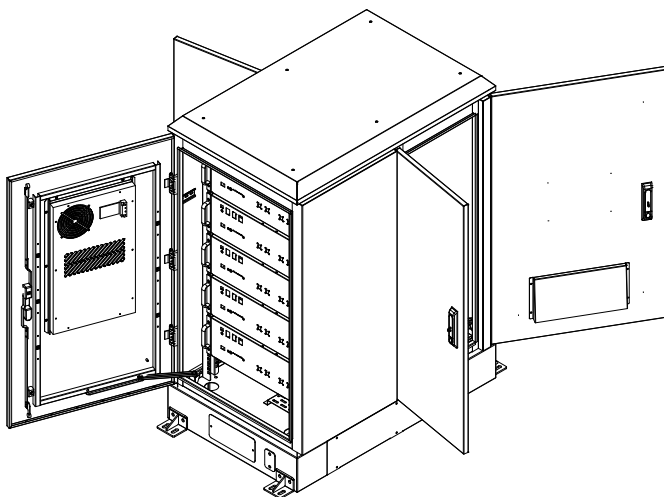
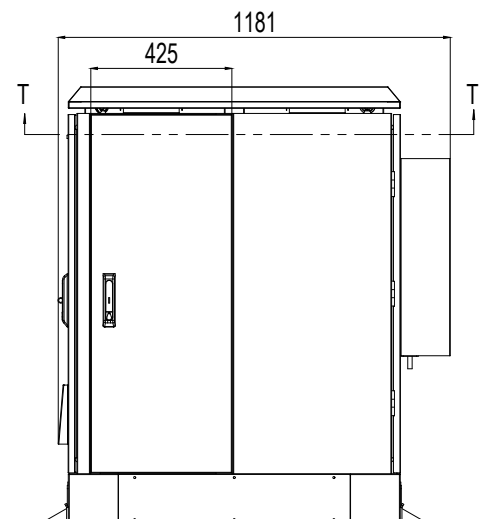
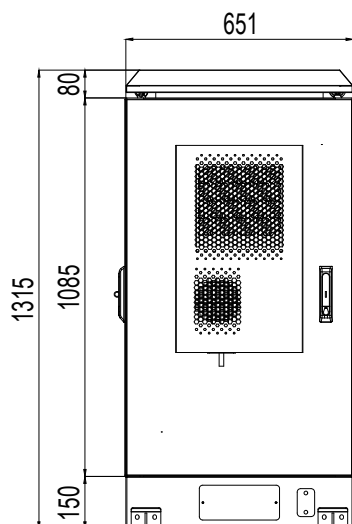
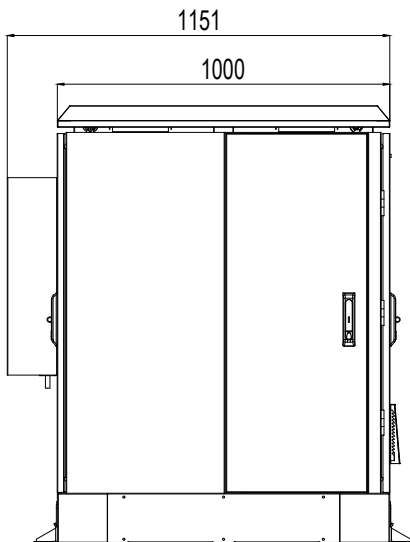
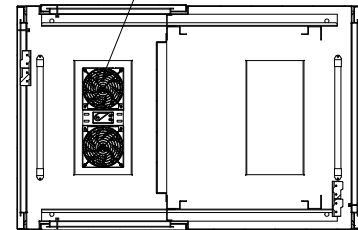
6x3RU

IP55

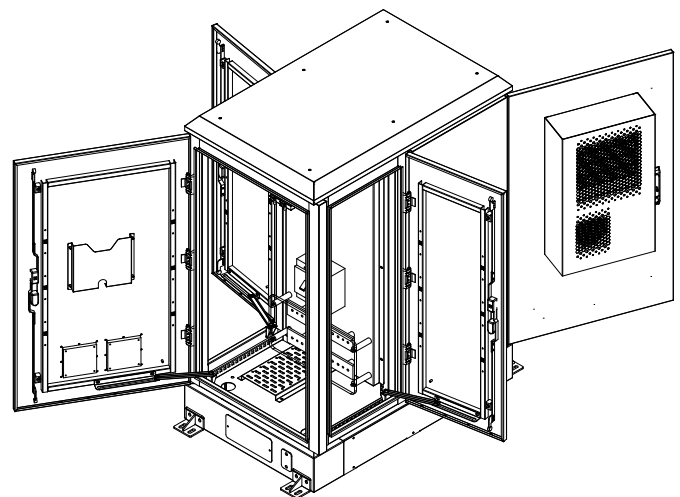
DRAWINGS



2-FAN(DC48 120mmFans)



**Batteries depicted not included.*



**DC breakers depicted not included.*

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