

WESCOR

SOLAR BATTERY AND EQUIPMENT CABINET

AUSTRALIAN REGISTRAR OF DESIGNS CERTIFICATION No. 202014068

Equipment cabinets made specifically for the solar industry, to make installations easier, faster and safer.

Save time on-site and provide the customer with a neat, safe enclosure for their solar system installation.

The cabinets are sized to enable mounting of all inverters and charge controllers in the same panel. This makes the installation much safer, whilst keeping all equipment out of sight and protected from the elements. The cabinets are made of aluminium, making them easy to position and providing a long service life.

A slide-in racking system allows for easy installation of 19" rackmount style battery modules along with rain protected vents on both sides and on top for passive ventilation.

Features

- 19" 3RU Rack mounts with slide-in shelves for battery module mounting (suits batteries up to 444mm wide)
- Battery module capacities ranging from 8-12 modules
- IP protection rating
- Fully welded construction, 3mm Aluminium
- Powder coated light grey finish (RAL7035)
- Mounting pan powder coated white
- Double front doors with segregation between battery section and equipment section
- Robust 3-point locking system
- Gland plates fitted internally
- Rain protected vents on either side and on top to facilitate passive ventilation. These covers are removable.
- Mounting plate can be used for inverters, chargers and all other equipment
- Stainless steel lifting eyes on all four corners on top
- Internal circuit breaker section for individual battery module isolation, with circuit breaker cut-outs in the escutcheon
- Stainless steel mesh screens installed over all ventilation openings to prevent unwanted entry by insects
- Document pocket on inside of door



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Specifications

Model	Battery Modules	External (mm)					Internal (mm)	Mounting Plate (mm)		Mounting Plinth (mm)		Weight (Kg)
		Height without cover	Height with cover	Cabinet Width	Width at base of flange	Depth		Height	Width	Width	Depth	
AL8	8	1300	1427	1400	1500	550	430*	1120	720	1500	550	67
AL12	12	1900	2027	1400	1500	550	430*	1720	720	1500	550	89
AL12+	12	1900	2027	1800	1900	550	430*	1720	1120	1900	550	106

*To Document holder, 460 mm to front door.



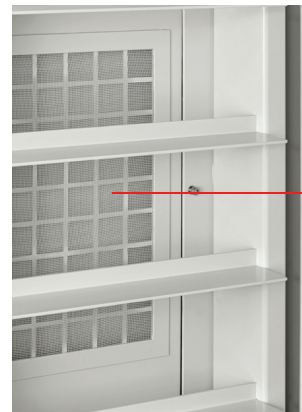
Optional Extras

- 50mm x 8mm x 600mm long tinned copper bus bar complete with pre-drilled holes for battery cable connections
- Bus bar insulators and stainless steel bolts
- Small mounting pan for the 2 x bus bars

Wescor Electrical Solar Battery and Equipment Cabinet Datasheet, correct as of 20th February 2021. All Information subject to change.



Pre-cut holes for DIN Rail mounted DC Isolators



Removable & protected by stainless steel mesh

Real Life Applications

Designed to be adaptable to evolving future energy demands and new technology, Wescor uses the latest quality components and systems.

The Wescor Solar Battery and Equipment Cabinets are suitable for both domestic and commercial clients, offering freedom of choice when it comes to brands and products that suit individual needs and budgets.

