

Redx

Pioneering the Path Beyond Net-Zero Bill



REDX RX-215k

ALL-IN-ONE Cabinet
BESS (100kW / 215kWh)



Redx Technology Australia Pty Ltd

Redx is a proud Australian company that brings game-changing, world-first patented technologies to revolutionise home energy solutions. We're honoured to be recognised as one of the renewable equipment suppliers listed by the Australian government (Austrade). At Redx, We specialise in smart solar battery and inverter system design to help Australian households achieve zero energy bills and maintain power during outages.

RX-215k

ALL-IN-ONE Cabinet BESS (100kW / 215kWh)



The 215kWh liquid-cooled all-in-one cabinet battery designed for Commercial and Industrial (C&I) applications is a cutting-edge energy storage solution that integrates advanced technologies to ensure superior performance, safety, and efficiency.

- 215kWh Battery (LFP)
- 100kW Power PCS (Power Conversion System)
- Off-grid Function
- Energy Management System
- Battery Management System
- Fire Safety System



5 Years
Warranty



100kW Power
Discharge



Quick
Installation



Local Australian
Support Hotline

SPECIFICATIONS

Item	Parameters
Battery Cell	280Ah, Lithium iron phosphate battery cell
System nominal voltage	768V
System voltage range	648V ~ 864V
System nominal capacity	215kWh
Rated charging current	140A
Rated discharging current	140A
Design discharge rate	0.5C
Number of cycles	≥ 6000 (25°C, 0.5C, 90%DOD,80%EOL)
Rated power	100kW
Max. output power	110kW
Rated grid voltage	400Vac
Allowable voltage fluctuation range	-15% ~ 15%
Cable entry	3 phase 4 wire
Rated grid frequency	50Hz +/- 5%
Operating temperature range	-20°C ~ 45°C
Communication protocol	CAN, RS485, TCP/IP
Heat dissipation	Liquid cooled
System protection level	IP54
Noise	≤75dB
Dimensions L*D*H mm	1300 * 1362 * 2180
Weight	2.5t
Warranty	5 Years

Manufacturer specified test conditions.
Product specifications are subject to change without prior notice.



Members of:



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