

Redx

Pioneering the Path Beyond Net-Zero Bill



AUSTRALIAN DESIGNED

REDX RX-1000k Container BESS (0.5MW / 1MWh)



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-1000k

Container BESS (0.5MW / 1MWh)



The **RX-1000k 1MW air cooling container battery** designed for Commercial and Industrial (C&I) applications, is a high-capacity energy storage solution housed within a durable, standard 20-foot container. This system is optimised for large-scale energy storage, making it ideal for industries that require reliable, high-performance power management.

- 1MWh Battery (LFP)
- 0.5MW Power PCS (Power Conversion System)
- Off-grid Function
- Energy Management System
- Battery Management System
- Fire Safety System
- Early Fire Detection System
- UPS System



5 Years
Warranty



0.5MW Power
Discharge



Quick
Installation



Local Australian
Support Hotline

SPECIFICATIONS

Item	Parameters
Rated Capacity	1000kWh
Rated Power	500kW
Batteries	3.2V/280Ah (Lithium Iron Phosphate)
Battery Module	51.2V/280Ah
Battery Cluster	768V/215kWh
Battery System Voltage	672V ~ 864V
AC Access Method	Three-Phase Three Wire
Rated Grid Voltage	AC 400V
Allowable Grid Voltage Range	323Vac ~ 437Vac
Rated Grid Frequency	50/60Hz
Allowable Grid Frequency	47.5Hz to 51.5Hz
Total Current Distortion Rate	< 3%
Power Factor	≥ 0.99 (Rated power)
Power Factor Adjustment Range	-1.0 ~ +1.0 adjustable
System Efficiency	Power efficiency ≥ 96%, energy efficiency ≥ 85%
Battery Storage Temperature Range	-25°C ~ 55°C
Battery Operating Temperature Range	-10°C ~ 50°C
Cooling Method	Forced air cooling
Allowable Relative Humidity	0-95% Non-condensing
Altitude Allowed	3000m
Communication Interface	CAN, RS485, TCP/IP
Dimensions L*W*H mm	6058* 2438*2896
Weight	18t

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



Members of:



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