RX-2505AC AC COUPLED BATTERY

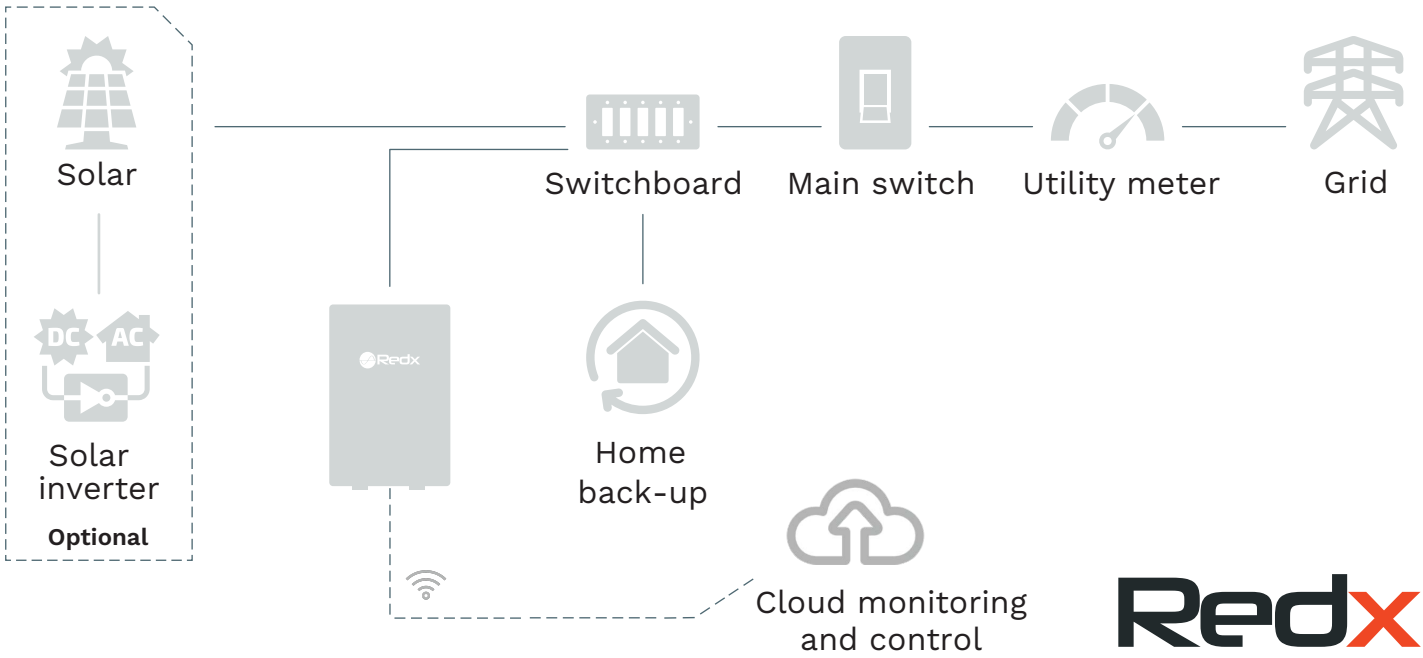
The RX-2500 series is an all-in-one energy storage system designed to achieve the highest efficiency using Redx patented FWS inverter technologies.

With embedded VPP hardware and software, it provides ultimate speed on cloud-based, real-time control and monitoring functions.

The RX-2505AC is an AC coupled battery. It best fits a location with an existing solar system installed.

- Australian designed
- High efficiency
- VPP ready
- Easy install

HOME BACK-UP



Redx

AC OUTPUT	
Max. output power (10 seconds)/(Continuous)	2750W/2500W
Nominal output voltage (off grid)	230V
Total THD	<3%
Frequency (off grid)	50Hz +/- 0.1Hz
Output power factor	0.8 leading–0.8 lagging
Max efficiency (battery to AC output)	96.00%
Round trip efficiency	92.00%
Max output current	12A

AC INPUT	
Nominal input voltage	230V +/- 15%
Nominal line frequency	50Hz + / - 10%
Switching time (on grid/off grid)	<50ms
Max input current (charge mode 0.3C)	22A

BATTERY PACK	
Battery capacity	4.8kWh
Nominal battery voltage	48V
Max battery voltage	55V
Min battery voltage	42V
Max discharge current	70A
Max charge current (0.5C)	30A

GENERAL	
Internal on/off grid switch	Yes
Protections	Full protection functions
Operating temperature range (system)	0° to +50°
Current sensors	Two CT current sensors
Internal Switches	Battery
Internal communication port	RS485
Display/indicators	Yes
Cooling	Air Cooling
Embedded software package (optional)	VPP and Peak Shaving
Warranty	7 years
Size	600W x 900H x 145D
Weight	75kg
Communication	RS485, Wi-Fi, 4G*
Safety and EMC	AS4777.2, IEC-62040-1, AS5139, IEC62109-1, EN61000.6.3:2007
Certification	SAA, ETL, TUV
IP Rating	IP32

Illustration and performance data in this document are for reference only.
Materials and specifications are subject to change without notice.
For more information, please visit:

*Wi-fi communication is included in the product by default.
4G connectivity will require the use of a dedicated Redx 4G module.

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Designed in Australia
Made in China