



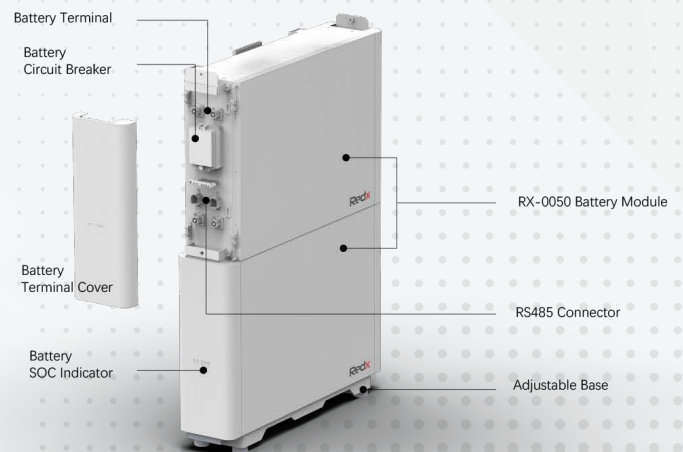
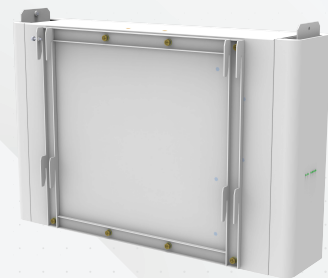
INNOVATION IN POWER & STORAGE TECHNOLOGY

Redx Energy RX-0050 BATTERY

Redx Energy (Redx) is an Australian owned and operated company, a leader in innovative inverter power and storage technology.

With a passion for innovation, Redx holds over 30 technology patents that are groundbreaking in the inverter space.

The Australian Office manages software engineering, new product design, technology support and after sales service. With local expertise, Redx can respond quickly to customer enquires and also has the agility to provide customised solutions.



Australian designed



VPP ready



High efficiency



Easy install

2 4G Data logger is optional, please contact your local reseller for more information

Cell Parameters

No.	Items	Parameters
1	Cell type	Prismatic
2	Nominal voltage	3.2V
3	Rated capacity	100AH
4	Rated energy	320WH
5	Internal resistance	≤0.4mΩ@25°C1kHz AC
6	Allowed MAX charging current	1C
7	Recommended charging current	≤0.5C
8	Allowed MAX discharging current	1C @25±5°C, SOC > 20%
9	Maximum pulse discharging current	2C@25±5°C, 10s, SOC≥20%

Battery Module Parameters

No.	Items	Parameters
1	Product name	LiFePO4 Battery System
2	Rating	51.2V, 100Ah, 5.12Kwh
3	Depth of Discharge	90%
4	Useable Capacity	100 Ah
5	Input	Max 56.8V d.c., 60A
6	Output	43.2 ~ 56.8V d.c., Max 60A
7	Charging Temperature Range	0°C ~ 45°C
8	Discharging Temperature Range	-10°C ~ 55°C
9	Internal resistance	≤20mΩ @1kHz AC
10	Rated charge voltage	58.4V
11	Short Circuit Protection	500A
12	Short Circuit Protection Delay Time	200 - 800 us
13	Communication Port Type	CAN
14	Communication Protocol	RS485
15	Wi-Fi / LAN connection capability	No comply
16	Allowed MAX charging current	60A @ 25±5°C
17	Recommended charging current	≤50A
18	Allowed MAX discharging current	60A @ 25±5°C
19	Dimensions	W:400±2mm D:620±2mm H:145±2mm
20	Weight	About:56kg
21	IP Class	IP55



Members of:



Redx Technology Australia Pty Ltd

Unit 2/21 Millennium Circuit

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