

Making Energy More
Secure, Efficient and Clean

PowerLution
Lead the Energy Revolution



Energy Capacity: 4.6 kWh

Cycle Life: 6000 cycles



Backup Power



Easy Installation



Expandable



Modern Design

PowerLution Residential Split Type Energy Storage Battery

POWERLUTION PTY LTD

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PowerLution Japan 株式会社

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 www.powerlution.net

 [linkedin.com/company/powerlution](https://www.linkedin.com/company/powerlution)

 <https://twitter.com/PowerlutionL>

Technical Parameter

Nominal Energy (kWh) @25°C	4.6
Battery Type	LiFePO4
Nominal Voltage (V)	51.2
Voltage Range (V)	44.8 ~ 57.6
Max. Charge / Discharge Current (A)	67
Max. Charge / Discharge Power (kW)	3
Dimension (W*D*H) (mm)	600*190*600
System Weight (kg)	≤62
Installation Location	Indoor / Outdoor
Ingress Protection	IP65
Communication Interface	CAN / RS485
BMS Power Consumption	< 2 W (Work), < 50 mW (Sleep)
SOC	Intelligent Algorithm
Humidity	5% ~ 95%
Operating Temperature (°C)	-10 ~ 55
Storage Temperature (°C)	-20 ~ 45
Cooling Strategy	Natural Convection
Life Span (Year)	10
Protection Features	Over Voltage / Low Voltage / Over Current / Short Circuit / Reverse Polarity / Etc.
Maximum Parallel Connections	6

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Energy Capacity: 9.21 kWh

Cycle Life: 6000 cycles



Backup Power



Easy Installation



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Technical Parameter

Nominal Energy (kWh) @25°C	9.21
Battery Type	LiFePO4
Nominal Voltage (V)	51.2
Voltage Range (V)	44.8 ~ 57.6
Max. Charge / Discharge Current (A)	110
Max. Charge / Discharge Power (kW)	5
Dimension (W*D*H) (mm)	600*190*1050
System Weight (kg)	≤ 116
Installation Location	Indoor / Outdoor
Ingress Protection	IP65
Communication Interface	CAN / RS485
BMS Power Consumption	< 2 W (Work), < 50 mW (Sleep)
SOC	Intelligent Algorithm
Humidity	5% ~ 95%
Operating Temperature (°C)	-10 ~ 55
Storage Temperature (°C)	-20 ~ 45
Cooling Strategy	Natural Convection
Life Span (Year)	10
Protection Features	Over Voltage / Low Voltage / Over Current / Short Circuit / Reverse Polarity / Etc.
Maximum Parallel Connections	3

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Energy Capacity: 13.82 kWh

Cycle Life: 6000 cycles



Backup Power



Easy Installation



Expandable



Modern Design

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Technical Parameter

Nominal Energy (kWh) @25°C	13.82
Battery Type	LiFePO4
Nominal Voltage (V)	51.2
Voltage Range (V)	44.8 ~ 57.6
Max. Charge / Discharge Current (A)	110
Max. Charge / Discharge Power (kW)	5
Dimension (W*D*H) (mm)	600*190*1500
System Weight (kg)	≤ 170
Installation Location	Indoor / Outdoor
Ingress Protection	IP65
Communication Interface	CAN / RS485
BMS Power Consumption	< 2 W (Work), < 50 mW (Sleep)
SOC	Intelligent Algorithm
Humidity	5% ~ 95%
Operating Temperature (°C)	-10 ~ 55
Storage Temperature (°C)	-20 ~ 45
Cooling Strategy	Natural Convection
Life Span (Year)	10
Protection Features	Over Voltage / Low Voltage / Over Current / Short Circuit / Reverse Polarity / Etc.
Maximum Parallel Connections	2