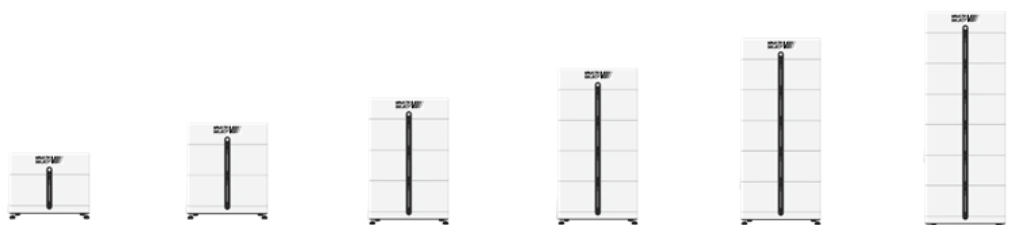




48V 5.12 – 30.72kWh LFP Stacker

Vaulta Select batteries provide a safe and reliable energy source suitable for on and off grid residential and light commercial applications. These batteries are chosen for their performance and capability to meet specific application requirements.



Model	1	2	3	4	5	6
Cell Type	LFP					
Nominal Voltage	51.2V					
Voltage Range	47.5V~56.8V					
Nominal Capacity	100Ah					
Nominal Energy	5.12kWh	10.24kWh	15.36 kWh	20.48 kWh	25.6 kWh	30.72 kWh
Recommended Power	2.56kW	5.12kW	7.68kW	10.24kW	10.24kW	10.24kW
Dimensions (L x W x H) (mm/inch)	681 x 242 x 540 26.8 x 9.5 x 21.3	681 x 242 x 800 26.8 x 9.5 x 31.5	681 x 242 x 1060 26.8 x 9.5 x 41.7	681 x 242 x 1320 26.8 x 9.5 x 52.0	681 x 242 x 1580 26.8 x 9.5 x 62.2	681 x 242 x 1840 26.8 x 9.5 x 72.4
Weight(kg/lbs)	71.7/158.1	125/275.6	178.3/393.1	231.6/510.6	284.9/628.1	338.2/745.6
Efficiency	≥95%					
Communication	CAN, RS485					
Cycle Life	≥6000Cycles					
Protection level	IP55					
Ambient Temperature	-10°C~55°C / 14°F~131°F					
Storage Temperature	Within 1 month: -20°C~50°C / -4°F~122°F 1~3 months: -10°C~40°C / 14°F~104°F 3~12 months: 0°C~30°C / 32°F~86°F					
Certifications	CEC, CE, IEC62619, UL1973, UN38.3, UL9540, UL9540A					

[1] : 4 models parallel in is Recommended. [2]: @25°C, 0.5C Charging/Discharging, 90% DoD



Powered by Pytes



48V 5.12 – 30.72kWh LFP Stacker

Installer can choose to install Vaulta Select batteries ranging from 5kWh up to 30kWh in a single stack. Stacks may be repeated to up to 4 stacks (120kWh).

All installations need to be undertaken according to Australian standards and Cheaper Home Batteries rebates applied under Pi LV1-1,2,3,4,5,6.

Safe

- Certified
- LFP Chemistry
- DC breaker and fuse

Scalable

- Fast install
- Scalable from 5-30kWh
- Up to 4 stacks (120kWh)
- Compatible with most LV inverters

Reliable

- Outdoor and indoor rated
- BMS integrated and individual module

