



## High Capacity

Combine up to 15 units in parallel for 576 kWh.



## High Power

A true whole-home backup available with 14.4 kW.



## Modular Design

Each Stack contains 2-8 modules (4.8 kWh each). Easily add modules any time.



## Safe For Home + Environment

Cobalt free, low voltage, meets the highest standards of safety.



## 10 Year Warranty

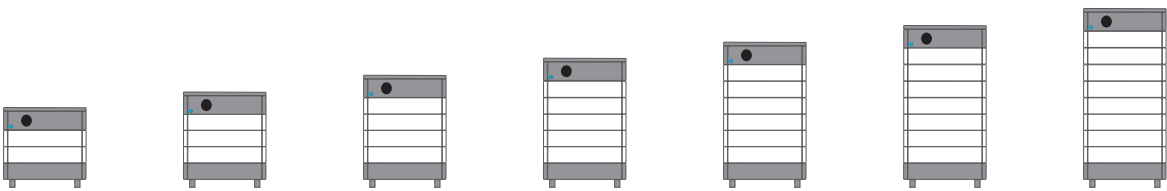
Our warranty is per component to support upgradability.



## Live Communication

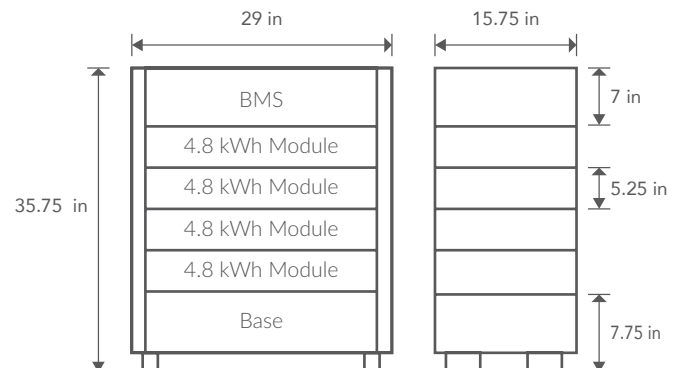
Real time display, mobile monitoring app, secure closed-loop communications.

## OVERVIEW

|             |  |          |          |         |          |          |          |
|-------------|-------------------------------------------------------------------------------------|----------|----------|---------|----------|----------|----------|
| Modules     | 2                                                                                   | 3        | 4        | 5       | 6        | 7        | 8        |
| Capacity    | 9.6 kWh                                                                             | 14.4 kWh | 19.2 kWh | 24 kWh  | 28.8 kWh | 33.6 kWh | 38.4 kWh |
| Power       | 8.6 kW                                                                              | 12.9 kW  | 14.4 kW  | 14.4 kW | 14.4 kW  | 14.4 kW  | 14.4 kW  |
| Surge (10s) | 14.4 kW                                                                             | 14.4 kW  | 24 kW    | 24 kW   | 24 kW    | 24 kW    | 24 kW    |
| Weight      | 304 lbs                                                                             | 412 lbs  | 520 lbs  | 628 lbs | 736 lbs  | 844 lbs  | 952 lbs  |
| Height      | 25.25 in                                                                            | 30.5 in  | 35.75 in | 41 in   | 46.25 in | 51.5 in  | 56.75 in |

## OPTIONS

|                           | Product Number |
|---------------------------|----------------|
| Standard BMS / Base       | 4000001        |
| Standard Module (4.8 kWh) | 4000000        |
| Heated Module (4.8 kWh)   | 4000042        |



## PERFORMANCE SPECIFICATIONS

|                                       | 2       | 3       | 4       | 5       | 6       | 7       | 8       |
|---------------------------------------|---------|---------|---------|---------|---------|---------|---------|
| Total Energy (kWh)                    | 9.6     | 14.4    | 19.2    | 24      | 28.8    | 33.6    | 38.4    |
| Continuous Power Output (kW)          | 8.6     | 12.9    | 14.4    | 14.4    | 14.4    | 14.4    | 14.4    |
| Capacity (Ah)                         | 200     | 300     | 400     | 500     | 600     | 700     | 800     |
| Nominal DC Voltage (V)                | 48      | 48      | 48      | 48      | 48      | 48      | 48      |
| DC Voltage Range (V)                  | 46 - 56 | 46 - 56 | 46 - 56 | 46 - 56 | 46 - 56 | 46 - 56 | 46 - 56 |
| Max. Charge Current (A)               | 180     | 270     | 300     | 300     | 300     | 300     | 300     |
| Max. Continuous Discharge Current (A) | 180     | 270     | 300     | 300     | 300     | 300     | 300     |
| Max. Pulse Current DC - 10 sec. (A)   | 300     | 300     | 500     | 500     | 500     | 500     | 500     |
| Efficiency                            | > 98%   | > 98%   | > 98%   | > 98%   | > 98%   | > 98%   | > 98%   |

## MECHANICAL SPECIFICATIONS

|                                         |                                |      |       |     |       |      |       |
|-----------------------------------------|--------------------------------|------|-------|-----|-------|------|-------|
| Height (In)<br>(Width: 29, Depth: 15.8) | 25.25                          | 30.5 | 35.75 | 41  | 46.25 | 51.5 | 56.75 |
| Weight (lbs)                            | 304                            | 412  | 520   | 628 | 736   | 844  | 952   |
| Battery Chemistry                       | Lithium Iron Phosphate (LFP)   |      |       |     |       |      |       |
| Scalability                             | 15 Units in Parallel (576 kWh) |      |       |     |       |      |       |
| Mounting Options                        | Floor Standing                 |      |       |     |       |      |       |
| Communication                           | CAN / RS485                    |      |       |     |       |      |       |

## ENVIRONMENTAL SPECIFICATIONS

|                               |                             |
|-------------------------------|-----------------------------|
| Charging Temperature Range    | 32 to 113 °F / 0 to 45 °C   |
| Discharging Temperature Range | 14 to 131 °F / -10 to 55 °C |
| Enclosure Rating              | IP55                        |
| Maximum Altitude Rating       | 11,000 feet (3,352 meters)  |

## COMPLIANCE INFORMATION

|                      |                                                                                                     |
|----------------------|-----------------------------------------------------------------------------------------------------|
| Certificates         | UL 1642, UL 1973, UN 38.3, UL 9540, UL 9540a, CEC, SGIP, OGPc                                       |
| Warranty             | 10 Years                                                                                            |
| Compatible Inverters | On-Grid (UL 9540): Sol-Ark 12K/15K<br>Off-Grid: Sol-Ark, Schneider, SMA, Victron, Outback, and more |