HOMEGRID

LV STACK'D **SERIES**

High Capacity
Combine up to 15 units in parallel for 576 kWh.

High Power
A true whole-home backup available with 14.4 kW.

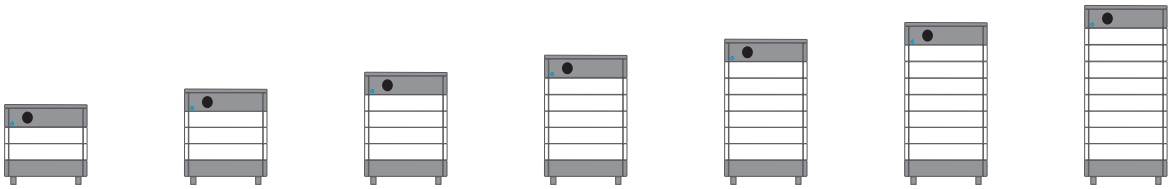
Modular Design
Each Stack contains 2-8 modules (4.8 kWh each). Easily add modules any time.

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.

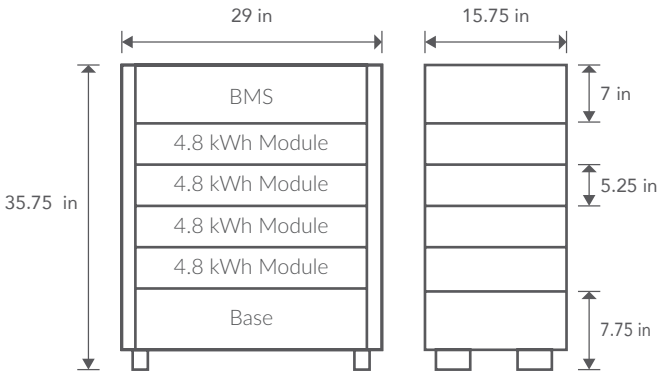
OVERVIEW



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) (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, OGPe
Warranty	10 Years
Compatible Inverters	On-Grid (UL 9540): Sol-Ark 12K/15K Off-Grid: Sol-Ark, Schneider, SMA, Victron, Outback, and more