



### 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


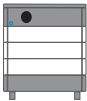
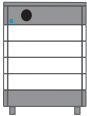




Our warranty is per component to support upgradability.



### Live Communication

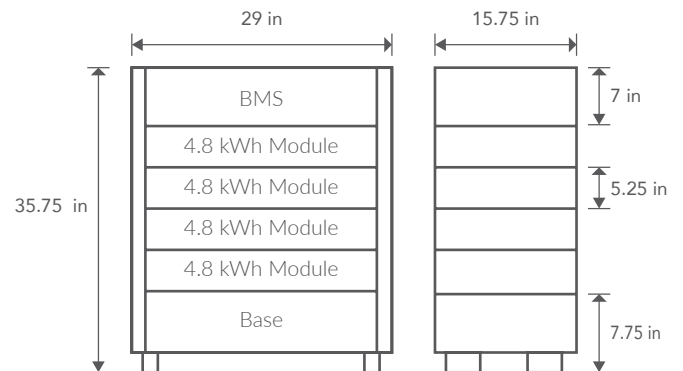
Real time display, mobile monitoring app, secure closed-loop communications.

## 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	HG-MC100-200M2
Stainless Steel BMS / Base	HG-MC100-200M2-P
Standard Module (4.8 kWh)	HG-FS48100-15OSJ1
Heated Module (4.8 kWh)	HG-FS48100-15OSJ1-H
Stainless Steel Module (4.8 kWh)	HG-FS48100-15OSJ1-P



## PERFORMANCE SPECIFICATIONS

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

## MECHANICAL SPECIFICATIONS

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

## ENVIRONMENTAL SPECIFICATIONS

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

## COMPLIANCE INFORMATION

<b>Certificates</b>	UL 1642, UL 1973, UN 38.3, UL 9540, UL 9540a, CEC, SGIP, OGPc
<b>Warranty</b>	10 Years
<b>Compatible Inverters</b>	Sol-Ark, Schneider, SMA, Victron, Outback