



**High Capacity 38.4kWh**  
Up to 15 units in parallel



**High Power 15kW**  
Whole home backup



**10 year Warranty**  
20 year serviceable



**Live Communications**  
Real time display, mobile access,  
established closed-loop communications



**Modular Design**  
Each module has a capacity of 4.8kWh,  
with each Stack supporting 2-8 modules.



**Safe for Home & Environment**  
Cobalt Free, low voltage  
UL 1642, UL 1973, UN 38.3,  
UL 9540, UL 9540a, CEC, SGIP, OGPc



## STACK'D SERIES SPECIFICATIONS

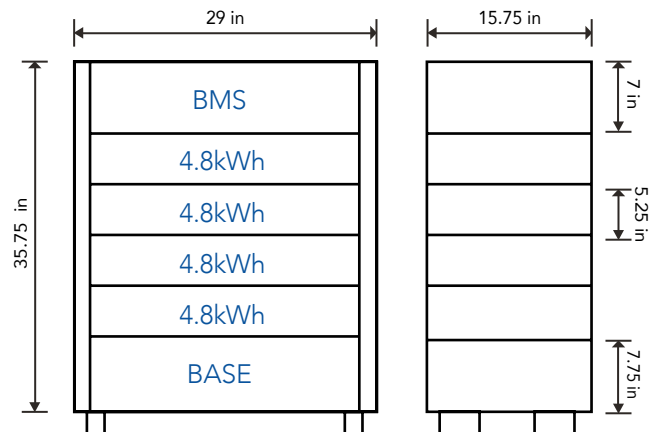
Flexible Design that is expandable. Choose from 2, 3, 4, 5, 6, 7, or 8 modules.

# of Modules*	Capacity	Power	Surge(10s)	Weight	Height
2 Modules	9.6kWh	9.6kW	14.4kW	304lbs / 138kg	25.25in / 641.35mm
3 Modules	14.4kWh	14.4kW	16.8kW	412lbs / 187kg	30.5in / 774.70mm
4 Modules	19.2kWh	15kW	24kW	520lbs / 236kg	35.75in / 908.05mm
5 Modules	24kWh	15kW	24kW	628lbs / 285kg	41in / 1041.40mm
6 Modules	28.8kWh	15kW	24kW	736lbs / 334kg	46.25in / 1174.75mm
7 Modules	33.6kWh	15kW	24kW	844lbs / 383kg	51.5in / 1308.10mm
8 Modules	38.4kWh	15kW	24kW	952lbs / 432kg	56.75in / 1441.45mm

\*Additional Modules can be added in the future.

### OPTIONS

	Product Number
BMS/Base	HG-MC100-200M2
4.8kWh Module	HG-FS48100-15OSJ1
4.8kWh Module with Heating Feature	HG-FS48100-15OSJ1-H
Stainless Steel Base, Controller, and Modules with Heating Feature	HG-MC100-200M2-P HG-FS48100-15OSJ1-H/P



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Battery Chemistry Technology	Lithium Iron Phosphate
Total Energy [kWh]	9.6, 14.4, 19.2, 24, 28.8, 33.6, 38.4
Continuous Power Output [kW]	9.6, 14.4, 15, 15, 15, 15, 15
Capacity [Ah]	200, 300, 400, 500, 600, 700, 800
Nominal DC Voltage [V]	48
DC Voltage Range [V]	46-56
Recommended Charge Current [A]	180, 270, 300, 300, 300, 300, 300
Max Discharge Current (Continuous) [A]	180, 270, 300, 300, 300, 300, 300
Max Pulse Current DC (for 10 sec) [A]	300, 350, 500, 500, 500, 500, 500
Charge Temperature [F / C]	32-113 / 0-45
Discharge Temperature [F / C]	14-140 / -10-60
Dimensions [WxDxH, inch]	29 x 15.75 x 25.25, 30.5, 35.75, 41, 46.25, 51.5, 56.75
Weight [lbs]	304, 412, 520, 628, 736, 844, 952
Enclosure Rating	IP55
Mounting Options	Floor Standing
Certificates	UL 1642, UL 1973, UN 38.3, UL 9540, UL 9540a, CEC, SGIP, OGP <sub>e</sub>
Warranty	10 Years
Service Plan	20 Years Serviceable
Scalability	Units in parallel (576 kWh)
Communication	CAN/RS485
Efficiency	>98%
Compatible Inverters	Sol-Ark, Schneider, SMA, Victron, Outback

## Heating Feature

Battery Module Heating Function	Start heating temperature	33.8°F / 1°C
	Stop heating temperature	42.8°F / 6°C
	Heating Power(W)	150W

\*Note: Stainless and heated options will create an increase the overall unit weight