



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, OGP



STACK'D SERIES SPECIFICATIONS

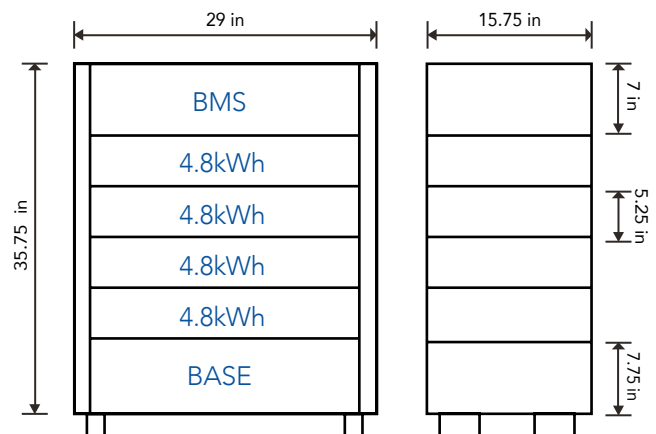
Flexible Design that is expandable. Choose from 2, 3, 4, 5, 6, 7, or 8 modules.

# 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 _e
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