



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



**High Power 14.4kW**  
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, CE  
UL 9540, UL 9540a, CEC, SGIP, OGPe



## STACK'D SERIES SPECIFICATIONS

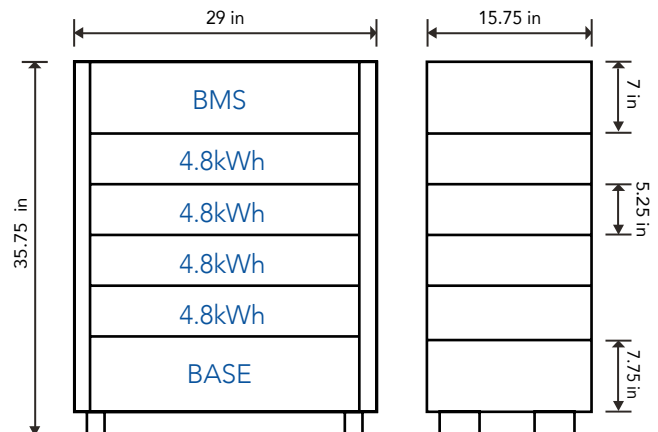
Flexible Design that is expandable. Choose from 2, 3, 4, 5, 6, 7, or 8 modules.

# of Modules*	Capacity	Power	Surge(10s)	Weight	Height
2 Modules	9.6kWh	8.6kW	14.4kW	304lbs / 138kg	25.25in / 641.35mm
3 Modules	14.4kWh	12.9kW	14.4kW	412lbs / 187kg	30.5in / 774.70mm
4 Modules	19.2kWh	14.4kW	24kW	520lbs / 236kg	35.75in / 908.05mm
5 Modules	24kWh	14.4kW	24kW	628lbs / 285kg	41 in / 1041.40mm
6 Modules	28.8kWh	14.4kW	24kW	736lbs / 334kg	46.25in / 1174.75mm
7 Modules	33.6kWh	14.4kW	24kW	844lbs / 383kg	51.5in / 1308.10mm
8 Modules	38.4kWh	14.4kW	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



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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]	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
DC Voltage Range [V]	46-56
Max 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, 300, 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, CE, CEC, SGIP, OGPe
Warranty	10 Years
Scalability	15 units in parallel (576 kWh)
Communication	CAN/RS485
Efficiency	>98%
Compatible Inverters	Sol-Ark, Schneider, Victron,

### 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

### Certification & CEC Model Numbers

PF5-LFP9600-2A01 - Stack'd 9.6	PF5-LFP28800-2A01 - Stack'd 28.8
PF5-LFP14400-2A01 - Stack'd 14.4	PF5-LFP33600-2A01 - Stack'd 33.6
PF5-LFP19200-2A01 - Stack'd 19.2	PF5-LFP38400-2A01 - Stack'd 38.4
PF5-LFP24000-2A01 - Stack'd 24	