



FLEX

For businesses that POWER ON.
All-In-One AC Coupled BESS.



Commercial and Industrial
VPP-capable
EV Charging Support
Microgrid
Community Batteries

US QUALITY

- ≡ Designed and engineered in the US.
- ≡ Industry leading 10-year warranty.
- ≡ Tier 1 OEM hardware for durability and performance.

SERIOUS POWER

With the EVO Power Energy Management System, the power is in your hands.

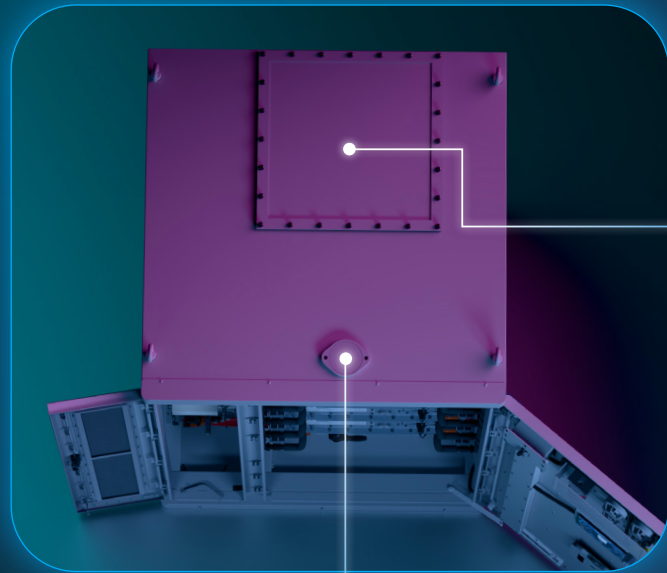
- ≡ Solar Self-Consumption.
- ≡ Utility Meter Reading Capability.
- ≡ Peak Shaving.
- ≡ Optional Solar Inverter Control.
- ≡ Retail Time-of-Use.
- ≡ Optional Backup Power.

ADVANCED SAFETY

- ≡ Fire suppression, ventilation and alarms mitigate hazards.
- ≡ Liquid-cooled LFP battery technology extends battery life.
- ≡ IP55-certified with strictest safety standards for industrial use.

PLUG & PLAY

- ≡ Modular system scales in 125kW or 62.5kW increments.
- ≡ Outdoor-rated, pre-wired, and factory tested in California.
- ≡ Seamless integration with other platforms and APIs.



Deflagration
Panel

Built-in
Heater & Chiller

Liquid Cooled
Battery

Fire
Suppression
Aerosol

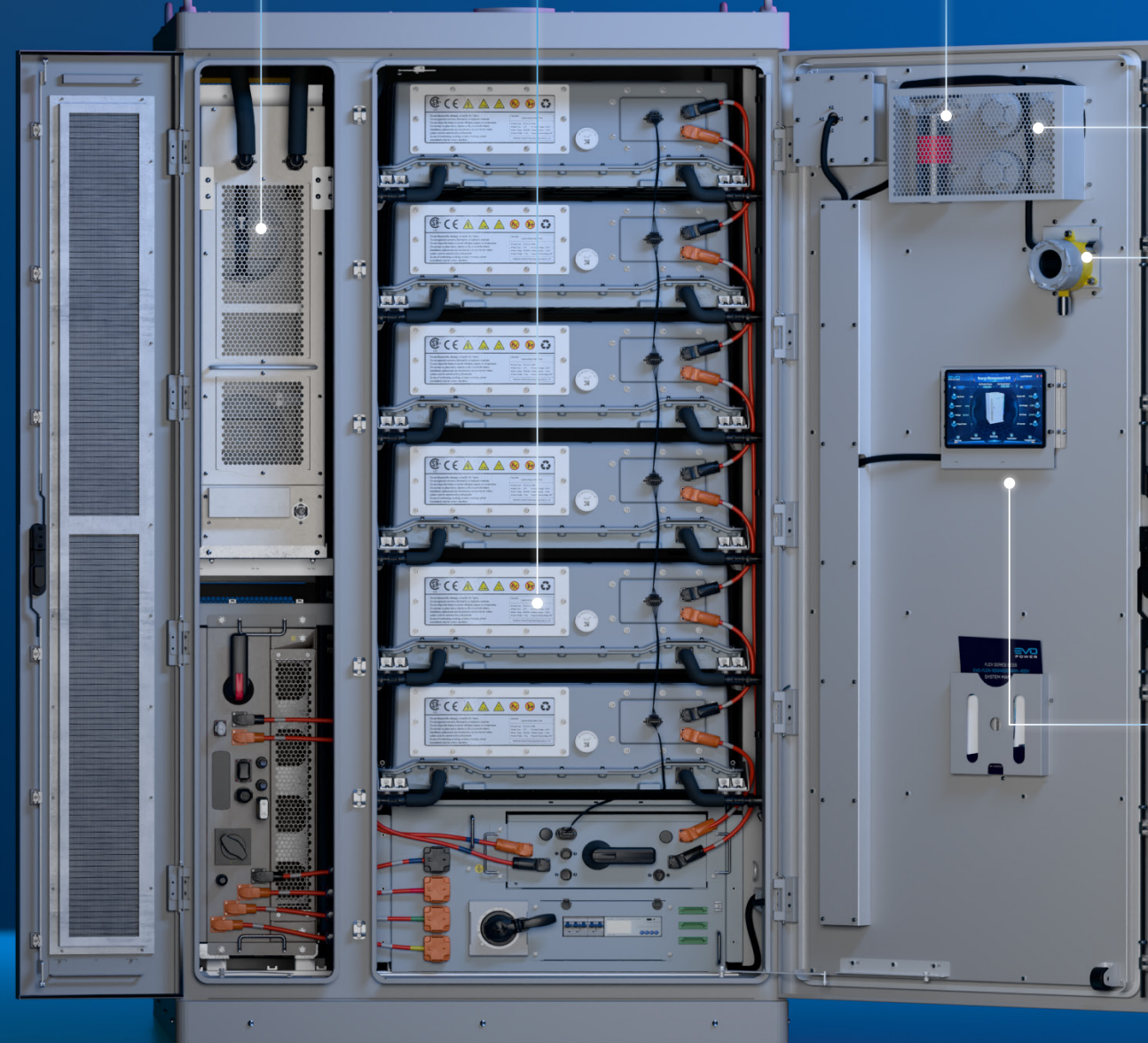
Smoke/
Heat Detector

Active
Ventilation
NFPA 69

LEVEL UP FLEX

Optional extras

- ☰ Maintenance Services
- ☰ Extended Warranty



Gas
Detector

Service
Terminal

L 53" x W 53" x H 95"

TAKE CONTROL

FLEX GIVES YOU TOTAL OVERSIGHT OF YOUR ENERGY USAGE.

EVO REMOTE CONTROL PLATFORM

- ≡ Programmable Peak Shaving Fixed Value and Characteristic Curve Control
- ≡ Active Power and Reactive Power Control

EVO MONITORING PLATFORM

- ≡ Dashboard for a System-Specific Overview
- ≡ Individual Configuration of Alarm Criteria
- ≡ Individual Reporting, CSV Export of Measurement Data
- ≡ Fleet Review - Tabular Display of the Key Performance Indicators for all Systems

UNLOCK POTENTIAL

TAKE FULL ADVANTAGE OF FLEX WITH GRID INTEGRATION.

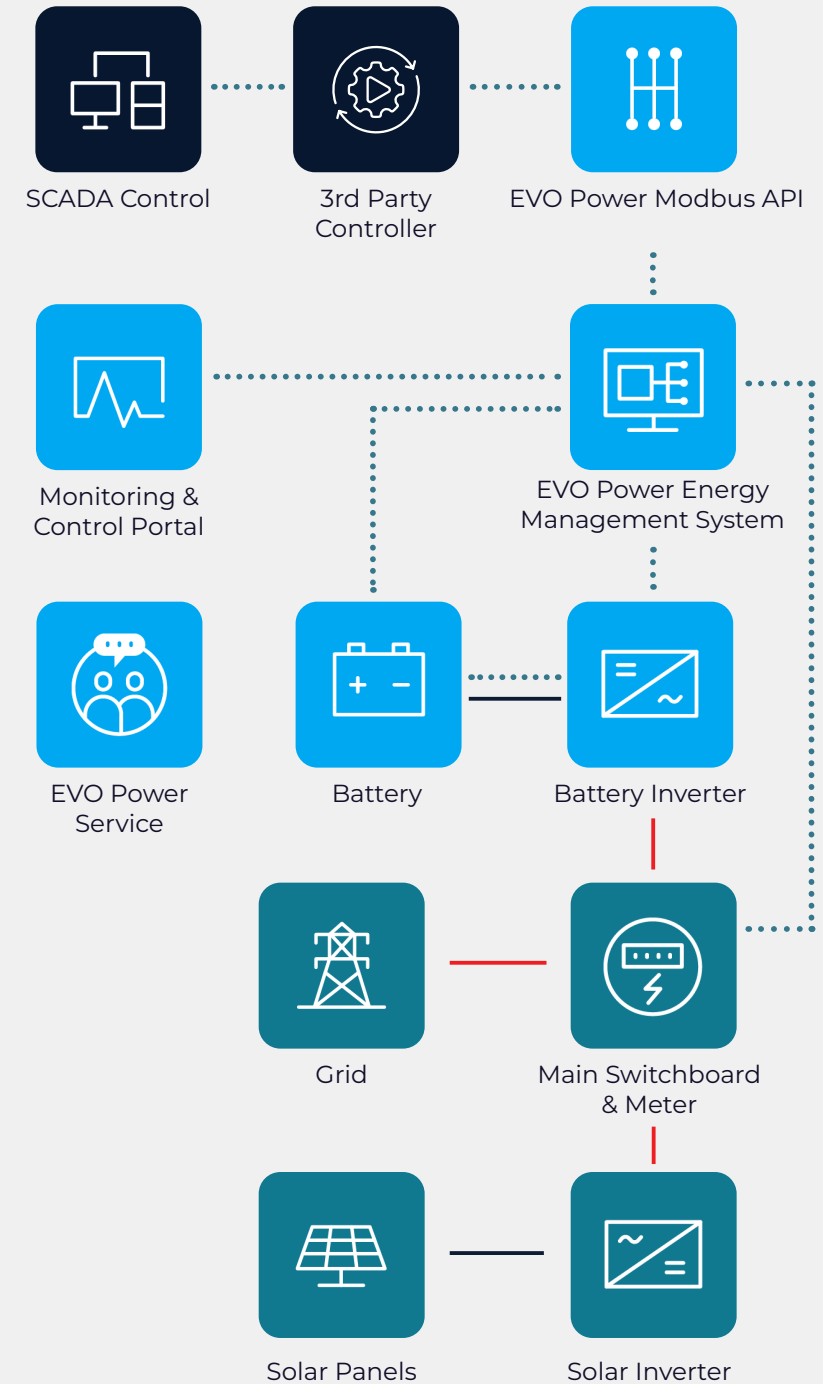
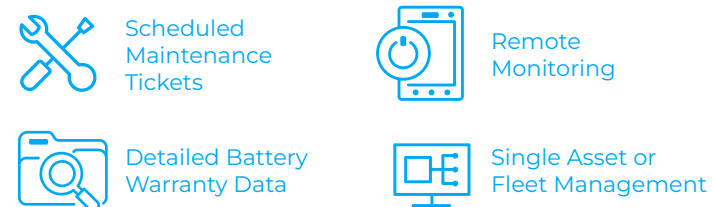
EVO POWER MODBUS API

- ≡ Energy Arbitrage / Grid Services
- ≡ Virtual Power Plant
- ≡ Buying and selling in energy markets
- ≡ SunSpec Modbus supported

EVO POWER CONTROL SERVER



EVO POWER CONTROL SERVER

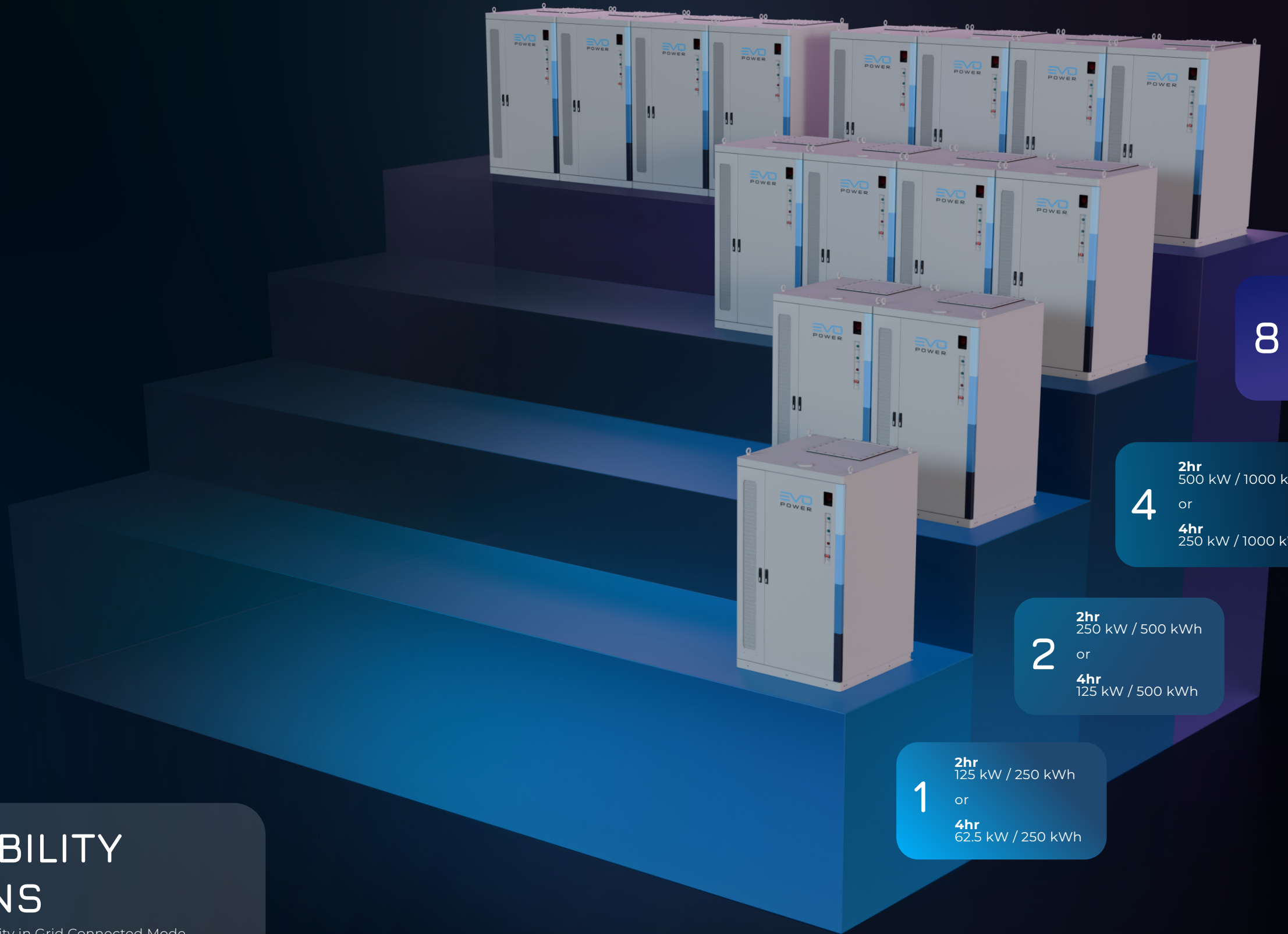


SPECIFICATIONS

INVERTER	125 kW / 250 kWh – 2 hr	62.5 kW / 250 kWh – 4 hr
Rated AC Power	125 kW	62.5 kW
Rated Grid Voltage	480 VAC 3P 3W + PE, +N (optional)	
Grid Voltage Range	432 ~ 528 VAC	
Rated AC Current	151 A / 75.5 A	
Total Harmonic Distortion	≤ 3%	
Nominal Grid Frequency	60 Hz	
Peak Efficiency	98%	
Power Factor	-1 to +1, continuously adjustable	
ENERGY STORAGE		
Usable AC Energy at BOL	250 kWh	
Nominal DC Energy at BOL	289 kWh	
Nominal Voltage	921.6 VDC	
Voltage Range	806 ~ 1,000 VDC	
Chemistry	Lithium Iron Phosphate	
ENVIRONMENTAL		
Operating Temperature Range	-4 °F ~ 122 °F -20 °C ~ 50 °C *	
Storage Temperature Range	-22 °F ~ 140 °F -30 °C ~ 60 °C	
Operating / Storage Humidity	0 ~ 95% RH, Non-Condensing	
IP Ratings	Battery Enclosure: IP 55 HVAC & Inverter: IP 54	
Airborne Noise	< 75 dBA @ 1 meter	
Maximum Altitude	9,842 ft 3,000 m	
COMPLIANCE		
Inverter Related Standards	UL 1741, UL 1741 SB, IEEE 1547:2018, FCC part 15 class A	
Battery Related Standards	UL 1973, UL 9540A, NFPA 855, NFPA 69, UN 38.3	
System Related Standards	UL 9540	
DIMENSIONS [W x D x H]		
System Dimensions	53 x 53 x 95 in 1,350 x 1,350 x 2,400 mm	
WEIGHTS		
Weight	6,600 lb 3,000 kg	

* Inverter derating above 113 °F / 45 °C

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8
2hr
1000 kW / 2000 kWh
or
4hr
500 kW / 2000 kWh

4
2hr
500 kW / 1000 kWh
or
4hr
250 kW / 1000 kWh

2
2hr
250 kW / 500 kWh
or
4hr
125 kW / 500 kWh

1
2hr
125 kW / 250 kWh
or
4hr
62.5 kW / 250 kWh

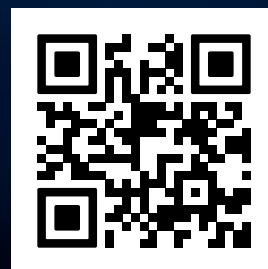
SCALABILITY OPTIONS

* Unlimited Scalability in Grid Connected Mode




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