



FLEX

AC-COUPLED ALL-IN-ONE BESS.
DESIGNED FOR COMMERCIAL AND INDUSTRIAL CUSTOMERS.



Power your way

RAPID GROWTH SINCE 2019. NOW POWERING THE U.S.

- ≡ Born in Australia's demanding energy landscape, EVO Power has rapidly grown since 2019, successfully delivering over 125 projects across Australia's most complex grids, serving as a proven testbed for innovation.
- ≡ We're bringing that market-tested expertise to the United States with pre-assembled, turnkey battery energy storage systems (BESS) built with factory-tested, high-performance Tier 1 OEM hardware.
- ≡ As a young and agile powerhouse, we go beyond rigid, off-the-shelf systems. We focus on flexible, tailor-made solutions that unlock the potential of your energy assets and adapt to the unique demands of every site.
- ≡ By choosing EVO Power, you gain a U.S.-based partner that values flexibility over formality, and site-specific performance over standard sales.
- ≡ We've mastered the grid in Australia. Now, we're ready to power your way in America.



125+

Projects completed



125 KW PER UNIT

Scalable to 1 MW



3 COUNTRIES

U.S., Australia
& Republic of Korea



20-YEAR

Optional warranty for
long-term confidence



U.S.-BASED

Presence & Support



INTELLIGENT

EMS & Software Controls

A FULLY INTEGRATED SOLUTION

Seamless Installation

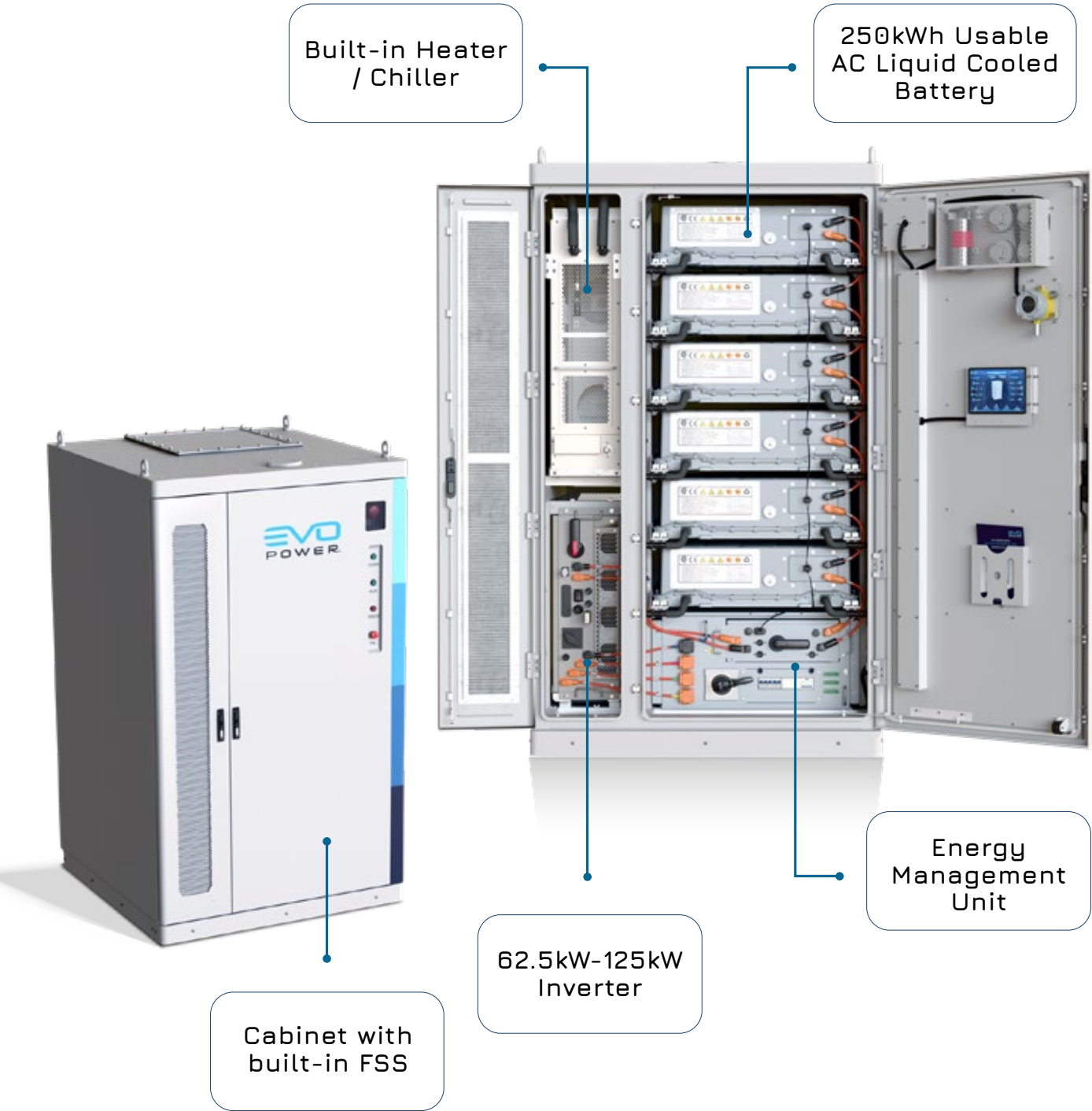
- Integrated BESS combining batteries, inverters, HVAC, and fire suppression systems
- Modular systems expandable to 1MW/4MWh
- IP55-certified, outdoor-rated enclosure

Optimized Energy Consumption

- Supports solar self-consumption
- Enables peak shaving & retail time-of-use optimization
- Optional backup power capability
- Optional solar inverter control

Trusted U.S.-Based Service Provider

- Powered by advanced EMS with local U.S. support
- Site controls, monitoring, and analytics to optimize site functionality
- 10-year warranty for long-term reliability
- Optional extended warranty and preventative maintenance services



PRODUCT	POWER [AC \ kW]	USABLE ENERGY [BOL, AC kWh]	NOMINAL ENERGY [BOL, DC kWh]
FLEX - 2hr	125	250	289
FLEX - 4hr	62.5	250	289

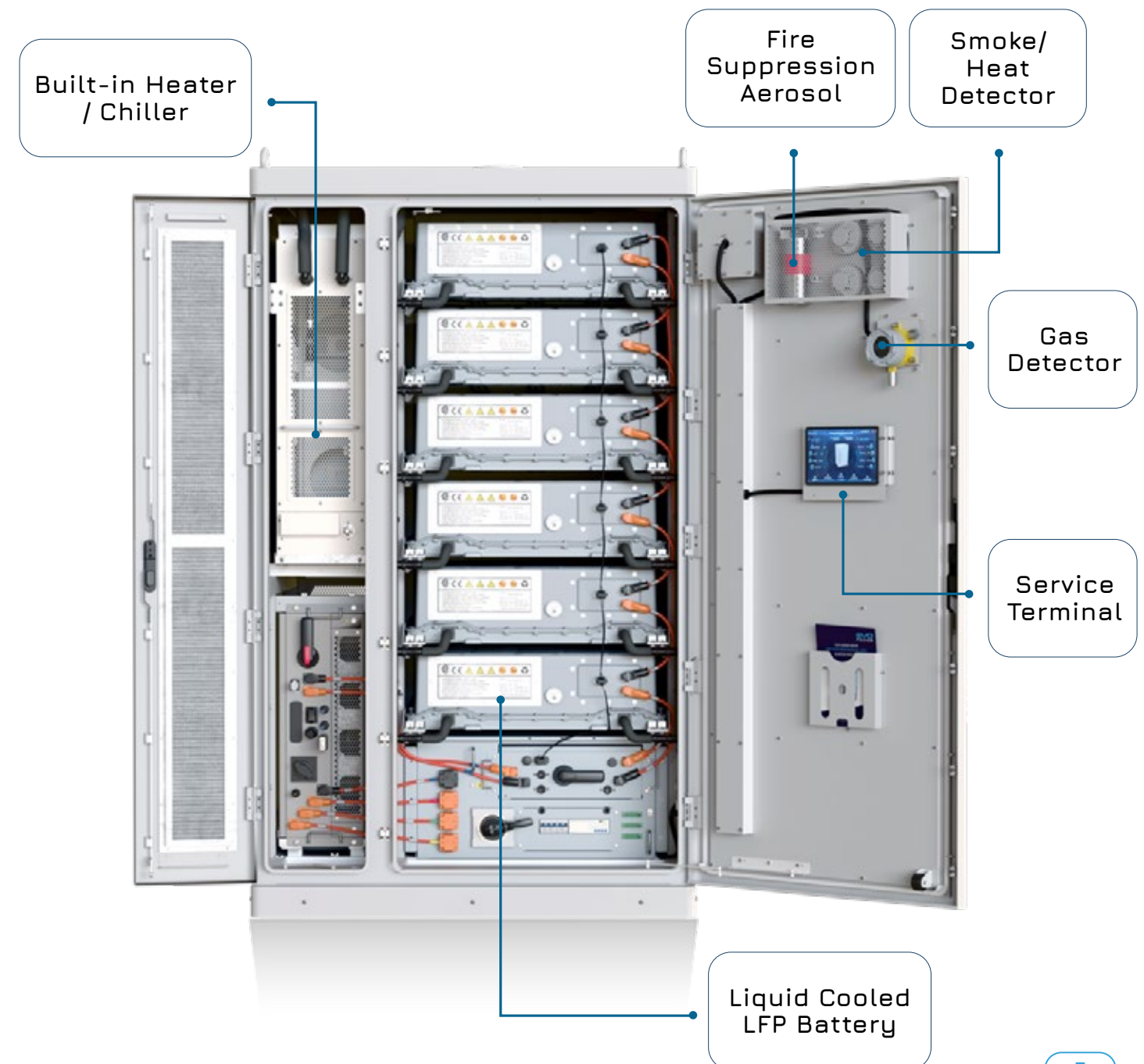
BUILT-IN SAFETY

- Fire suppression aerosol system
- Smoke, heat, and gas detection
- Active ventilation with deflagration panel
- Liquid-cooled LFP battery technology for extended battery life

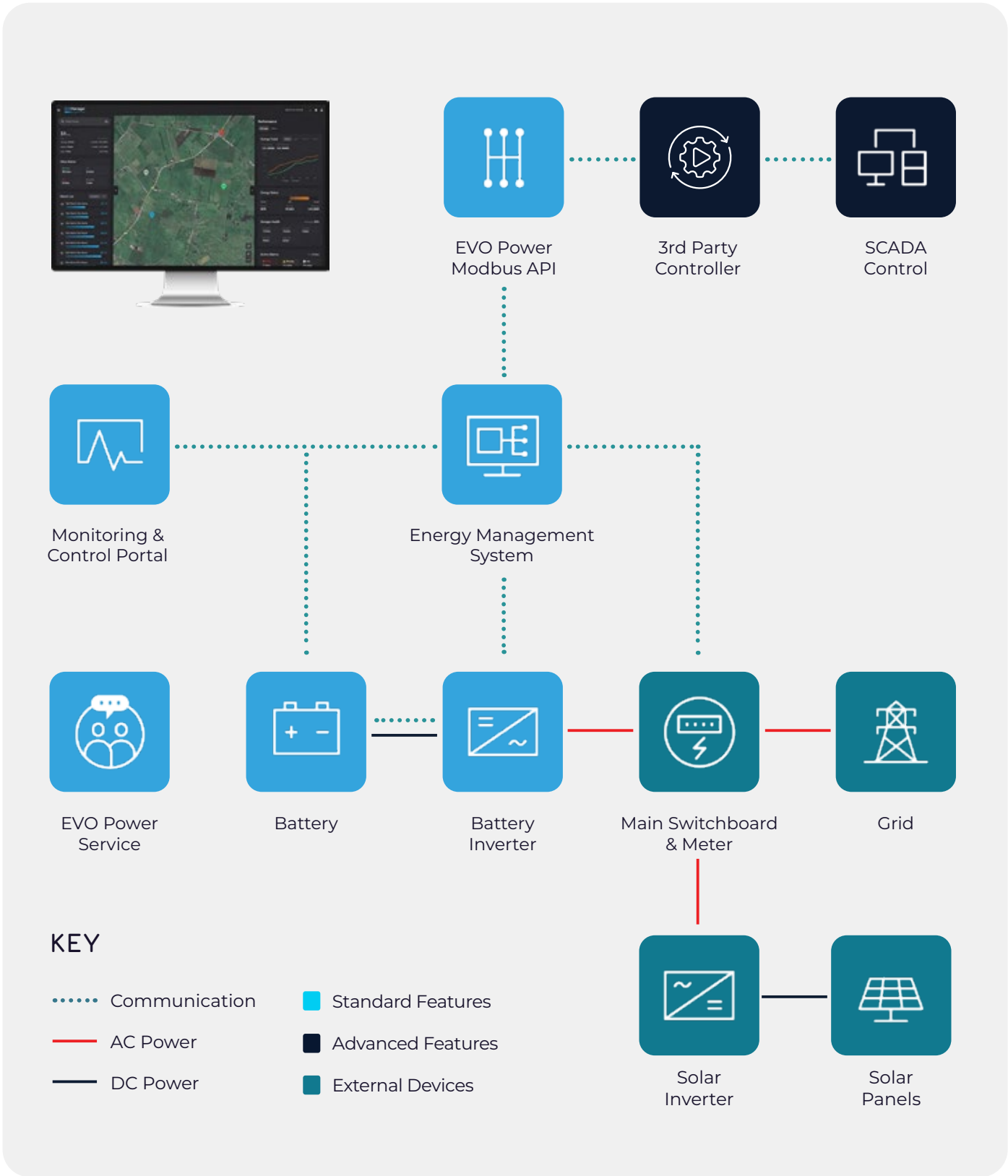


CODE-COMPLIANT

- Compliant with UL 9540 and UL 9540A
- Meets NFPA 69, NFPA 68 and NFPA 855 standards



ECONOMIC POWER CONSUMPTION WITH EVO EMS



SERVER CONTROL

- ≡ SunSpec Compliant
- ≡ Third-Party API Control
- ≡ Secure VPN or SCADA Control

MONITORING PLATFORM

- ≡ System-Specific Dashboard Overview
- ≡ Custom Alarm Configuration
- ≡ Individual Reporting (CSV Export of Measurement Data)
- ≡ Fleet Overview – Tabular Display of Key Performance Metrics

QUALITY CONTROL

- ≡ Single Asset or Fleet Management
- ≡ Scheduled Maintenance Ticketing
- ≡ Battery Warranty Data Management

MODBUS API SUPPORTS:

- ≡ Energy Arbitrage
- ≡ Grid Services
- ≡ Virtual Power Plant

A LIFETIME OF U.S.-BASED SUPPORT

- ≡ Powered by EVO Power EMS and backed by ongoing U. S.-based support.
- ≡ Site controls, monitoring and analytics that optimize functionality.
- ≡ Long-term reliability guaranteed with an extended warranty of up to 20 years.
- ≡ Maintenance services to ensure maximum uptime, supported by an LTSA.



✓ ISO 9001:2015 Certified

✓ ISO 14001:2015 Certified

✓ ISO 45001:2018 Certified

DEDICATED LOCAL SUPPORT

Our technical support staff are based at our headquarters in California, providing prompt, local assistance whenever you need it. We offer commissioning support, training for your team, and ongoing maintenance services to keep your energy storage running optimally.

And with an expanding network of service partners nationwide, help is always nearby. We don't just deliver a product and walk away – we're here for you throughout your energy journey.

CERTIFIED QUALITY AND SAFETY

We maintain ISO 9001:2015 (Quality Management), ISO 14001:2015 (Environmental Management), and ISO 45001:2018 (Occupational Health & Safety) certifications.

Every product is independently tested and certified by globally recognized labs before release. From performance to safety, our systems meet or exceed strict US and international standards – giving you peace of mind that you're investing in proven, reliable technology.



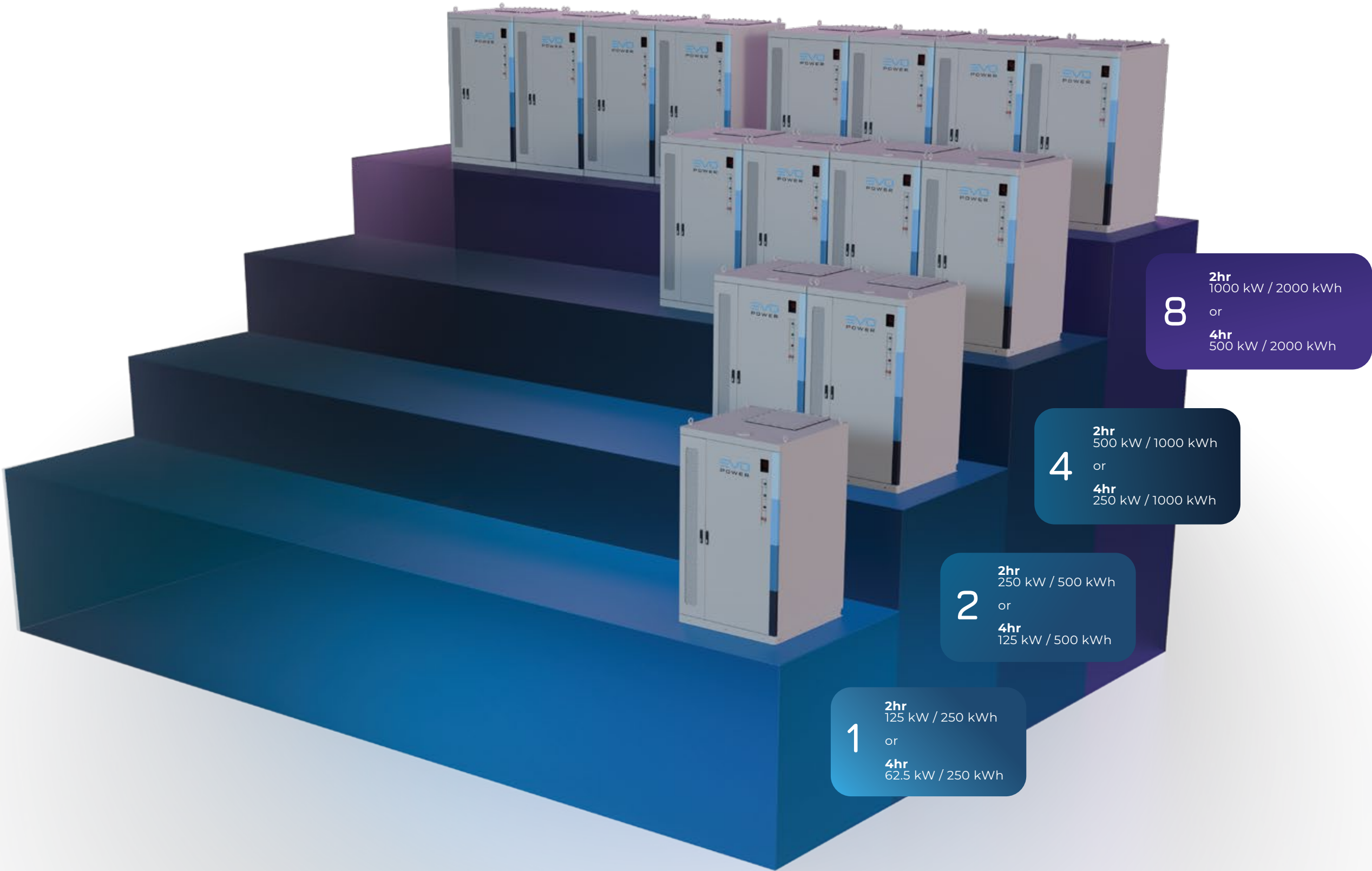
SPECIFICATIONS

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 68, 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



SAMPLE CONFIGURATIONS





READY TO POWER YOUR WAY?

Let's work together to create your ideal energy solution



EVO Power USA, Inc.

30452 Esperanza,
Rancho Santa Margarita,
CA, 92688



info.us@evopower.com



+1 833 386 7693



evopower.com