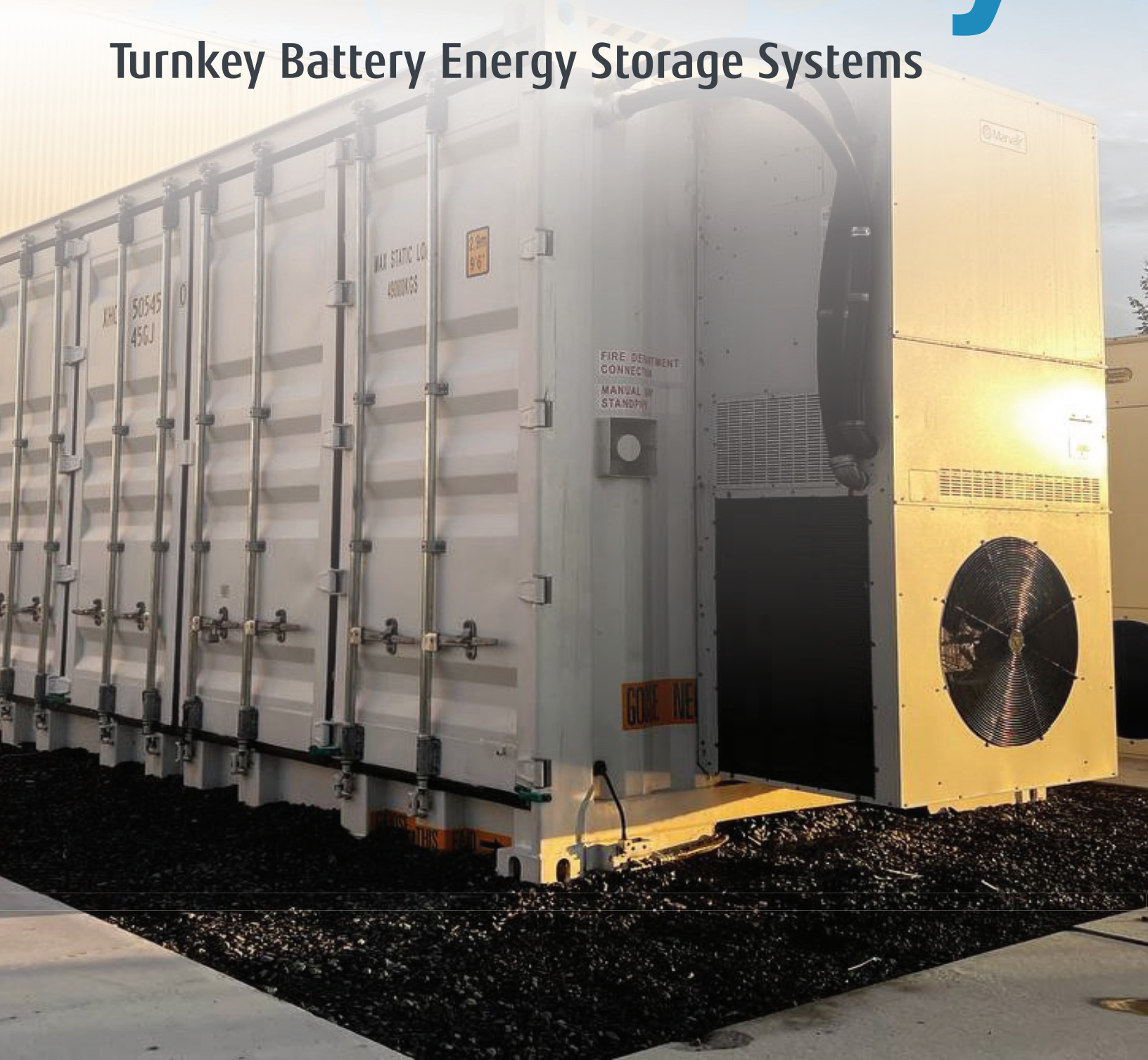


PowerPlay

Turnkey Battery Energy Storage Systems



PowerPlay is **Reliable**

PowerPlay battery systems are the turnkey solution for any energy storage project ranging from 10 kWh to 7 MWh. They are pre-engineered in-house with quality components and workmanship to simplify your installation process.

At SunGrid, our knowledge and experience in the energy storage sector is unparalleled. We rely on the quality of our training, and decades of in-field experience to engineer high performing battery systems our customers can trust.



SunGrid PowerPlays strictly abide by the following energy storage standards and certifications.

 UL 9540A

 UL 1642

 NEMA 3R

 UN 38.3

 UL 9540

 IEEE 1547

 NFPA 855

 CSA 22.2

 UL 1741

 IEEE 520

 IEC 62133

Why is our **BESS** best?



Using the right software is a crucial factor when ensuring our battery systems are the most efficient, and cost-effective option for customers on the market. That's why we developed our own unique digital software SimpleOS (SiOS) for easy integration with any site EMS. **SiOS is included in all PowerPlay products.**

About SiOS

- Unit and site controllers monitor and analyze Fire Suppression, HVAC, CPU, and Panel PC.
- User-friendly interface to track SCADA flags, and active alerts.
- Track maintenance schedules all in one place.
- Conduct advanced site level functions such as peak shaving, islanding, black starting, utility power import and export control.
- Consistent service for customers because SunGrid is the EPIC 'one stop shop' for all clean energy projects.

PowerPlay Standard Use Cases



Energy Storage



EV Charging



Microgrids



Backup Power



Peak Shaving

PowerPlay

Your BESS, Pre-engineered for an Easy Installation.



General

Enclosure Style
Usable Energy
Inverter Included
Max. Power
Output Voltage (V)
Depth of Discharge (%)
AC RTE - @0.5C (%)
Chemistry
Warranty
Performance Guarantee
PowerPlay SiOS
Environment
Communications

10' ISO Container

20' ISO Container

40' ISO Container

300 kWh and Less

1000 kWh and Less

Up to 5 MWh

Interior

Exterior

Exterior

250 kW or Less

1,000 kW or Less

5 MW or Less

480

480

480

100

100

100

95

95

96

LFP/NMC

LFP/NMC

LFP/NMC

3 Year Workmanship

3 Year Workmanship

3 Year Workmanship

70% SOC, 15 Year

70% SOC, 15 Year

70% SOC, 15 Year

Included

Included

Included

Outdoor Rated

Outdoor Rated

Outdoor Rated

Modbus [®]TCP

Modbus [®]TCP

Modbus [®]TCP

(MESA/Sunspec)

(MESA/Sunspec)

(MESA/Sunspec)

Physical Features

Weight (approx. lbs.)
Depth (ft.)
Height (ft.)
Length (ft.)
Enclosure Rating
Ambient Temperature (°C)
Fire Suppression
HVAC

15,000

35,000

80,000

8

8

8

9

9

9

10

20

40

NEMA [®]3R

NEMA [®]3R

NEMA [®]3R

-20°C to +50°C

-20°C to +50°C

-20°C to +50°C

Yes

Yes

Yes

Yes

Yes

Yes

Note: Higher ambient temperatures above 50°C may require derating.



53' ISO Container

Up to 7 MWh

Exterior

7 MW or Less

480

100

96

LFP/NMC

3 Year Workmanship

70% SOC, 15 Year

Included

Outdoor Rated

Modbus [®]TCP

(MESA/Sunspec)

110,000

8

9

53

NEMA [®]3R

-20°C to +50°C

Yes

Yes

Need a Custom Project?

For projects larger than 7 MWh

Visit www.sungridsolutions.com/what-we-do/epc-integration/
Or scan the QR code, and **fill out the form to request a quote.**



Work With Us

At SunGrid, we are engineers and project managers with strengths and skills in energy storage. Delivering cutting-edge battery systems from idea to reality for any application size.

The success of any project ultimately comes down to the quality of the people involved, and high standards for recruiting and retaining top talent are paramount for efficient operations on all levels of the organization. Our team is dedicated to revolutionizing the energy transition with turnkey energy storage engineering and project management services from the project feasibility phase to detailed design and construction management.

Want a custom design display on our battery?

White labeling is available for all PowerPlay models.



Customer Experiences

“ SunGrid team has taken charge of a developing industry. They are a professional and diligent team of experts. Through multiple roles I have been involved with SunGrid in various capacities and I consider them a trusted partner in the battery energy storage industry.”

- **Cyrus E.**

VP Development, Fractal Energy

“ Battery Energy Storage projects can be challenging. SunGrid gives me confidence that before, during and after installation our projects and customers will be taken care of.”

- **Gary S.**

Chief Scientist, S2E Technologies



Protect Your Asset!

Knowledgeable Operations and Maintenance Technicians to keep your BESS operating at optimal performance.

Contact us today for a custom O&M strategy!

Need more information about PowerPlay?



Scan the QR code to fill out our intake form, and a knowledgeable SunGrid representative will be in touch with you shortly.

Get in touch!

www.sungridsolutions.com
1.888.407.4743

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