

1 MW / 1.3 MWh

Trailer-mounted Battery Energy Storage System (BESS)

Our trailer-mounted 1 MW/1.3 MWh rapid response Battery Energy Storage System (BESS) is designed and built for the most energy-intensive applications. By combining a containerized, mobile design with reliable performance, our solution stands ready for the most demanding settings, the most unpredictable loads, offering dependable energy with zero emissions. It supports the reduction of fuel consumption, downtime and emissions, delivering reduced cost of energy with a higher power reliability.

FEATURES

Exceptional performance and reliability

Containerized, mobile trailered package

Single container, low noise

Wide operating temperature range (-31 °F to 113 °F)

Intuitive control through a touchscreen interface

Suitable for both grid-forming and grid-following applications

Built-in HVAC and fire suppression

UL 9540 and CSA 22.2 certified

Aggreko Remote Monitoring (ARM)

BENEFITS

Reduction in emissions and total cost of power

Designed for rapid response

Flexible on capacity and load demand

Scalable to meet evolving needs and can be integrated with diesel, gas and renewables

Reduction in generator runtime, fuel consumption, and associated costs

Fast commissioning with all-in-one design

Safely establish reactive grid interconnection

Optimized performance and reliability with 24 / 7 remote monitoring

1 MW

1.3 MWh



Key data

Nominal power	1,000 kW
Energy capacity (usable)	1,080 kWh
AC voltage allowable range	+/- 10%
AC INPUT voltage range	480 V
AC OUTPUT voltage – 60HZ	480 V

Certification

Declaration of conformity	UL 1741 SA, UL 9540, CSA 22.2, IEEE 519 UN 5436, UN 38.3, IEEE 1547, NFPA 69-70
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Physical data

Length (on trailer)	37 ft
Width (on trailer)	8 ft
Height (on trailer)	12.8 ft
Weight (including trailer)	59,240 lbs

Lifting

Forklift	Yes
Overhead	Yes

Output (when external source available)

Maximum load (all phases) before generator start command (kW)	Configurable based on application
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Energy storage

Technology	NMC
Operating temperature	-31 °F to 113 °F
D.C. power	1,000 kW
Energy capacity (nominal)	1,328 kWh
Energy capacity (usable)	1,080 kWh
Charge C rate (nominal)	1 C

Power connectors

Connection type	Camlock or Busbar
Max pass through current/phase	Common bus arrangement
Isolation transformer included	Yes, included separately

Fire suppression system

Suppressant Type	STAT X
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