



EnerShed SM Energy Storage System

A stationary energy storage system befitting the Myers Emergency Power Systems brand.

Uncompromised Capability

Simplicity and configurability, with EnerShed, you get both. Our 30 kW AC module enables significant sizing flexibility, allowing you to design your energy storage system to your exact needs, every time.

Highest Energy Density with the Lowest Operating Costs

The forced air cooling means you get a leading energy density that is compact and simple to maintain, with no liquid cooling or HVAC equipment to cause headaches or take up space.



Highly Configurable



A modular design allows for precise sizing of both power electronics and battery energy, while remaining completely scalable.

Turnkey Solutions



All units arrive to their pre-prepped pad fully assembled, factory-tested, and ready for connection.

Defense in Depth



Safety is embedded in every level throughout the system to continuously monitor, detect, and halt potential anomalies.



EnerShed SM
150 kVA/500 kWh
= 150 kWh/m²



Competitor A
150 kW / 372 kWh
= 79.5 kWh/m²



Competitor B
125 kW / 279.5 kWh
= 99.3 kWh/m²

Unmatched Reliability

Myers has over 60 years of experience providing emergency power systems for critical infrastructure, from emergency lighting to rail and transit.

We've taken that expertise and put it into EnerShed, a stationary energy storage system for the commercial market that you can rely on.



General Specifications

Model	EnerShed 60		EnerShed 90		EnerShed 120		EnerShed 150	
Rated AC Output Power	60 kVA		90 kVA		120 kVA		150 kVA	
Capacity*	100 kWh	200 kWh	150 kWh	300 kWh	200 kWh	400 kWh	250 kWh	500 kWh
Rated AC Current	72.5 A (PF=1)		108.8A (PF=1)		145.0 A (PF=1)		181.3 A (PF=1)	
Max Continuous AC Current	76.0 A (PF=1)		114.0 A (PF=1)		152.0 A (PF=1)		190 A (PF=1)	
Cycle Life	80% SoH @ 4000 cycles, 25C							
System Weight	2,295 kg (5,049 lbs)	2,905 kg (6,391 lbs)	2,625 kg (5,797 lbs)	3,670 kg (8,074 lbs)	2,985 kg (6,567 lbs)	4,435 kg (9,757 lbs)	3,345 kg (7,374 lbs)	5,200 kg (11,440 lbs)
Regulatory	UL9540, UL9540A, UL1741 SA/SB, IEEE 1547-2020, UL1642, UL1973							

*Nominal usable energy at AC terminals, Day 1.
Consult with Myers for additional power and capacity sizes not shown here.

Operating and Mechanical Data

Dimensions (H x D x W)	114" x 87" x 59"
Enclosure	Nema 3R
Corrosion Category IEC 61701	C5
Cooling	Forced Air
Operating Temperature Range	-30 C - 60 C
Storage Temperature Range	5 C to 40 C
Maximum Permissible Relative Humidity	95%
Rated Altitude	3000 ft
Noise Emission	65 dB(A)
FCC	Class A

Size Comparison



EnerShed SM - Height: 114"
Human Scale - Height: 75"

Electrical Data

Nominal AC voltage / Line Connection	480 Vac / 3-phase Wye
Grid Frequency	60 Hz
Harmonics (THD)	<5%
PF at rated power / displacement	1 / 0.8 Leading - 0.8 Lagging
Communication	SunSpec over ModBus TCP/IP

