



EnerShed MD

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.



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.

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.



EnerShed MD
270 kVA/900 kWh
= 108 kWh/m²



Competitor A
250 kW / 1000 kWh
= 67 kWh/m²



Competitor B
250 kW / 930 kWh
= 95.4 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 180		EnerShed 210		EnerShed 240		EnerShed 270	
Rated AC Output Power	180 kVA		210 kVA		240 kVA		270 kVA	
Capacity*	300 kWh	600 kWh	350 kWh	700 kWh	400 kWh	800 kWh	450 kWh	900 kWh
Rated AC Current	217.5 A (PF=1)		253.8 A (PF=1)		290.0 A (PF=1)		326.3 A (PF=1)	
Max Continuous AC Current	228.0 A (PF=1)		266.0 A (PF=1)		304.0 A (PF=1)		342.0 A (PF=1)	
Cycle Life	80% SoH @ 4000 cycles, 25C							
System Weight	6,525 kg (14,387 lbs)	8,955 kg (19,745 lbs)	6,885 kg (15,181 lbs)	9,270 kg (21,432 lbs)	7,245 kg (15,975 lbs)	10,485 kg (23,119 lbs)	7,605 kg (16,769 lbs)	11,250 kg (24,806 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)	79" x 129" x 100"
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: 79"
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

