



EnerShed LG 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

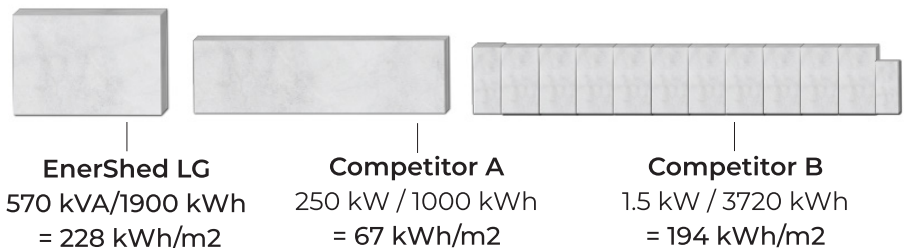


All units arrive to their pre-prepped pad fully assembled, factory tested, and ready for connection.

Defense in Depth



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



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 330		EnerShed 390		EnerShed 450		EnerShed 510		EnerShed 570	
Rated AC Output Power	330 kVA		390 kVA		450 kVA		510 kVA		570 kVA	
Capacity*	550 kWh	1,100 kWh	650 kWh	1,300 kWh	750 kWh	1,500 kWh	850 kWh	1,700 kWh	950 kWh	1,900 kWh
Rated AC Current	398.8 A (PF=1)		471.3 A (PF=1)		543.8 A (PF=1)		616.3 A (PF=1)		688.8 A (PF=1)	
Max Cont. AC Current	418.0 A (PF=1)		494.0 A (PF=1)		570.0 A (PF=1)		646.0 A (PF=1)		722.0 A (PF=1)	
Cycle Life	80% SoH @ 4000 cycles, 25C									
System Weight	18,500 kg (40,793 lbs)	22,955 kg (50,616 lbs)	19,220 kg (42,380 lbs)	24,485 kg (53,989 lbs)	19,940 kg (43,968 lbs)	26,015 kg (57,363 lbs)	20,660 kg (45,555 lbs)	27,545 kg (60,737 lbs)	21,380 kg (47,143 lbs)	29,075 kg (64,110 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

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 LG - Height: 136"
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

