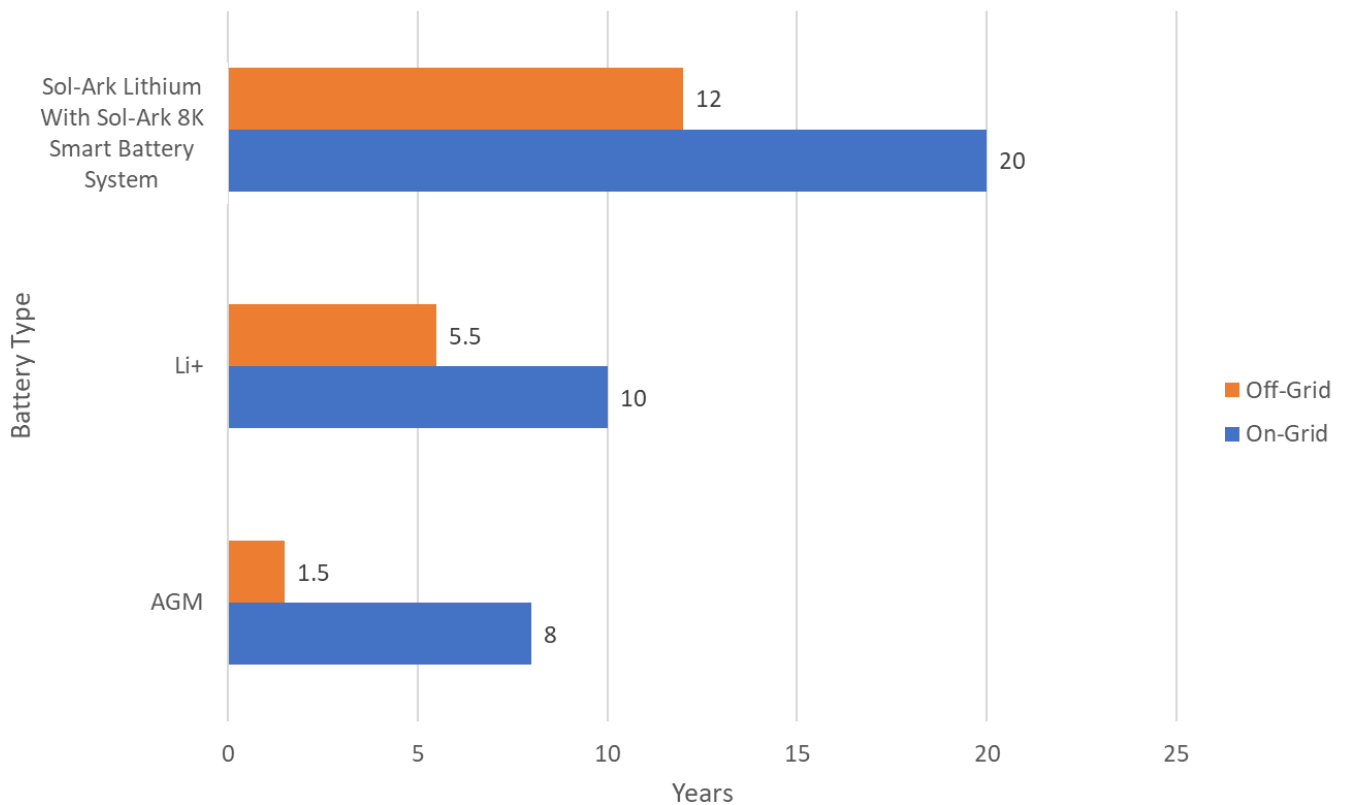




- ◆ The only E.M.P Hardened Lithium battery for consumers.
- ◆ Smart Battery: Sol-Ark Lithium batteries communicate with each other and Sol-Ark 8K to intelligently manage charging, discharging, and % Full.
- ◆ 2x the lifespan of traditional NMC Batteries as a result of our Smart Battery System. When used with Sol-Ark 8K, extends the 5 year limited warranty to 10 years.
- ◆ Use with Sol-Ark 8K, Sol-Ark 3K, and others.
- ◆ LCD Touchscreen Display: Easily check the performance down to the cell level.

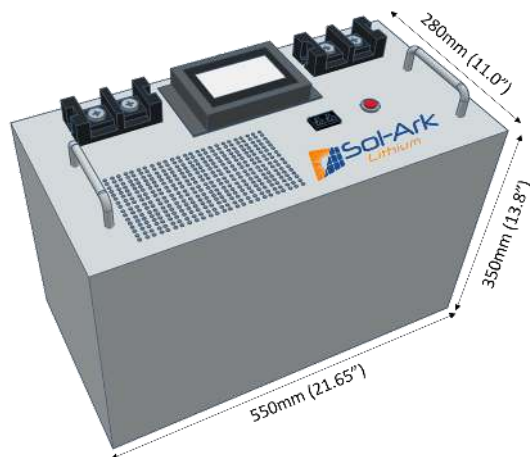
Battery Life Span (Given Equivalent Useable Capacity)





# Sol-Ark

EMP Hardened Lithium



Touch Screen Display

Electrical Characteristics		
Total Energy		10.1 kWh @25°C
Usable Energy		9.5kWh
Voltage Range	Overvoltage	58.8V
	Max Charge	57.4V
	Nominal	50.4V
	Low Voltage	42.0V
	Under Voltage	40.0V
Max. Continuous Charge/Discharge Current		125A (6.3kW)
Peak Discharge Power (5 seconds)		150A (7.5kW)
Communication Interface		CanBus
User interface		optional LCD Screen
Protection Features		Over Charge, Over Discharge, Over Current, Temperature, Balance Function
Scalability		Max. 8 in parallel
Operating Conditions		
Installation Location		Indoor
Operating Temperature		32-113°F (0-45°C)
Operating Temperature (Recommended)		55-88°F (14-31°C)
Storage Temperature		-22-131°F (-30-55°C)
Cooling		Natural Convection
Certification		
Safety	Cell	UL1642
	Battery Pack	CE
Transportation		UN38.3
Emissions		FCC
Solar Flare/EMP Hardened		2015 MIL-STD-461G
Materials Classification		Class 9
Mechanical Characteristics		
Dimensions	Width	280mm (11.0")
	Height	350mm (13.8")
	Length	550mm (21.65")
Enclosure Protection		IP40
Weight		90Kg (198 lbs)