



## Tech specs

|| Super High Performance

🕒 Rapid Charge (90% in 1 hr)

🔋 100% Depth of Discharge

🔄 8,000 Cycle

⚠️ Exceptional Durability

Nominal Capacity:	8 kWh / 12 kWh / 16 kWh per enclosure No maximum parallel enclosures
Maximum Power:	9 kW per enclosure
Maximum Continuous System Current:	180 Amps Continuous 200 Amps for 30 minutes 220 Amps for 5 minutes
Overcurrent Protection Breaker:	250 Amps
Nominal System Voltage:	48 Vdc
Maximum System Voltage (OCV@100%):	56 Vdc
Minimum System Voltage (@0% SOC):	36 Vdc
Usable DOD:	> 99% at full power
Cycle Life:	8000 @ 100% DOD
Maximum Continuous Charge and Discharge Rate: (@ Ambient Temperature 10-45°C/50-113°F)	0.8C
Round Trip Efficiency:	95% (@100% Power) 96.8% (@ 60% Power) 98% (@30% Power)
Storage Temperature:	-20 to 45°C / -4 to 113°F
Maximum Discharge Temperature:	-20°C to +50°C
Maximum Charge Temperature:	0°C to +45°C
Humidity:	10-90% RH
Maximum Gross Weight:	226.8 kg / 500 lbs
Size:	24" x 24" x 39"
Battery Monitoring Communication:	Modbus TCP/IP
Chemistry:	LiFePO4
Certifications:	UL 1642 Lithium Ion Cell IEC 62133 SBA S1101 UL 1973 Lithium Ion Battery Modules