



Technical Specifications

Capacity/[kWh:	9.8 kWh/9.3@95%DOD
Capacity/Usable [Ah]:	190 Ah/180@95%DOD
Nominal Voltage [Ah]:	51.2 VDC
Voltage Range [VDC]:	44.8 - 57.6 VDC
Recommended Charge Current [A]:	90 A
Max. Charge Current (Continuous) [A]:	104 A
Max. Discharge Current (Continuous) [A]:	104A
Max. Pulse Current (3 Sec.) [A]:	125 A
Min./Max. Charge Temperature:	32°F / 0°C to 113°F / 45°C
Min./Max. Discharge Temperature:	32°F / 0°C to 113°F / 45°C
Recommended Operating Temperature :	50°F / 10°C to 95°F / 35°C
Dimensions [in.]:	W21.3" x D7.5" x H38.8"
Dimensions [cm.]:	W54.1cm x D19.0cm x H98.6cm
Weight [lbs / .kgs]:	185 Lbs. / 84 kg.
Ingress Protection [IP]:	IP21
Mounting Options:	Floor Standing or Wall Mount
Certificates:	UL1642/UL1973/UL 9540A/IEC62619/CE/EMC/FCC/UN38.3
Warranty Period:	10 Years
Scalability:	Max. 8 in Parallel (76.8 kWh)
Communications Protocols:	CANBUS / RS485 / SUNSPEC
Current Circuit Breaker:	250A
Efficiency:	>98%
Compatible Inverters:	Sol-Ark, Schneider, SMA, Growatt, Solis, Sofar, Sermatec, Victron, Studer, Goodwell, Outback
Battery Chemistry:	Cobalt-Free Lithium Iron Phosphate