

Pure Source Solar Lithium Storage Specifications

Energy Storage Systems – 36 KW hr and 25 KW hr

- Lithium batteries 48 Volts connected in series.
- Pack Voltage Nominal 48 VDC Pack Voltage
- Peak 60 VDC
- Cycle life 3000 Cycles
- Five year prorated warranty

Includes Battery Management system, CAN Bus monitoring of temperature and voltage control.
Includes programmable master control display.



- Battery Type : Lithium Iron Phosphate
- Battery Voltage : 48 Volt DC | 16 cells connected in series
- Operating Voltage: 42 Vdc to 60 Vdc
- Cycle Life 3000 Cycles
- Charge Voltage: 52.5 Vdc Bulk Charge
56.0 Vdc Absorption Charge | 54 Vdc Float Charge
- Discharge Voltage: 45 Vdc Max

- Max Discharge Current : 300 amps at 80% DOD | 700 Amps at 50% DOD
- Max Charge Current : 350 Amps
- Operating Temperature -45 deg C to 65 Deg C
- Warranty : 5 Years Prorated
- Dimensions : 44.25 X 43 X 34.50 inches (L X W X H)

Lithium Iron Phosphate | 18 KW hour

Battery Voltage: 24 Volt DC

Operating VoltageC: 24 Vdc - 30 Vdc

Weight: 450 Lbs [205 kg]

Dimensions:

27.5 x 25.6 x 15.4 (in)|698 × 650 × 390(mm) (L X W X H)

Charge Voltage:

28.0 Vdc Bulk Charge | 28.8 Vdc Absorption Charge | 26.5 Vdc Float Charge

Max Discharge Voltage: 24 Vdc

Max Discharge Current: 350 amps at 80% DOD | 500 amps at 50% DOD

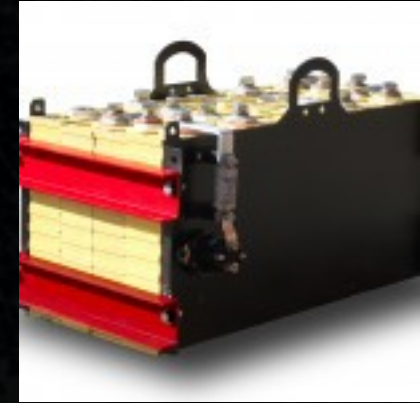
Max Charge Current: 300 Amps

Cycle life: 3,000 cycles at 70% DOD

Warranty: Five year prorated Warranty

Operating Temperature: -45 - +65 deg C

Battery Management: Individual cell monitoring of temperature and voltage. Includes fuse and contactor [battery disconnect]. High cell, low cell warning.



12V Energy Storage 9 KW hour

Type | Capacity: Lithium Iron Phosphate | 9 Kwhr

Battery Voltage: 12 Volt DC

Operating Voltage: 12 Vdc - 16 Vdc

Weight: 235 Lbs [106 kg]

Dimensions: 27.5 x 15.6 x 15.4 (in) | 698 x 396 x 390(mm) (L X W X H)

Charge Voltage: 14.0 Vdc Bulk Charge | 14.4 Vdc Absorption Charge | 13.3 Vdc Float Charge

Max Discharge Voltage: 12 Vdc

Max Discharge Current: 350 amps at 80% DOD | 500 amps at 50% DOD

Max Charge Current: 300 Amps

Cycle life: 3,000 cycles at 70% DOD

Warranty: Five year prorated Warranty

Operating Temperature: -45 - +65 deg C

Battery Management: Individual cell monitoring of temperature and voltage. Includes fuse and contactor [battery disconnect]. High cell, low cell warning.



Lithium Iron Phosphate | 1000 Amp Hour

Operating Voltage: 2.8V~4.0V

Weight: 92 lb +/- 1.4 lb | 41.1 kg +/- .63 kg

Dimensions: 21.8x5 x13.9 (in)|560×130×356 (mm)

Warranty: Five Years

Max Discharge: < 3 CA Peak | <1000 amp continuous

Max Charge|Discharge: 3.8 Volts | 2.6 Volts

Cycle Life: 2,000 Cycles

Operating Temperature: -45 - +85 deg C

