

EnGo 200Ah 48V Battery

High Quality Lithium Batteries



FEATURES



Long Battery Life

10,000 cycles at 80% depth of discharge



Safety

Battery Management System for overcharge protection



Maintenance-free

5-10 year warranty



Higher Capacity

50% more capacity than the lead-acid equivalent



Fast Charging

Low resistance and 99% efficiency will minimize the losses during charge which will result in faster charging



Broad operating temperature

Aluminum alloy enclosure, coupled with three specially designed layers of isolation, enables EnGoPlanet batteries to sustain severe temperatures



Power Availability

Full power is available throughout discharge. Voltage does not drop like lead acid



Versatile installation options

Support all weather conditions for both indoor and outdoor installations

| BATTERY SPECIFICATIONS | | 200Ah 48V | |
|--------------------------------------|--|---------------------------|---|
| SKU | EnGo LiFePO4 200 Ah | | |
| Nominal Voltage | 51.2V (16Serial-cell) | | |
| Amp-Hours | 200 Ah | | |
| Nominal Energy | 10.24KWh | | |
| Allowed MAX discharge current | 100A | | |
| Recommended charge current | ≤40A | | |
| Allowed MAX charge current | 100A | | |
| Operating temperature | Charge 32~113°F (0~45°C) Discharge -4~140°F (-20~60°C) | | |
| End of discharge voltage | 40V | | |
| Storage environment | ≤3month -4~+95°F (-20~+35°C) Recommend environment +59~86°F (15~30°C) | | |
| Self-discharge rate | ≤3% Month ≤15% Year | | |
| Cycle life | 10,000+ cycles (@ 80% DOD) | | |
| Memory Effect | None | | |
| Warranty | 5-10 Years | | |
| Weight | Approx. 220,5 lbs (100kg) | | |
| Dimensions | Length 25,6 in. (650 mm) Width 11 in. (273 mm) Height 2,83 ft (865 mm) | | |
| APPLICATION | | | |
| Solar Energy Storage | UPS | Portable Equipment | SLA/VRLA Replacement |
| Marine | Camping | Telecommunications | E-Mobility E-scooters, E-Carts, Golf Carts |

