

CAMEC LITHIUM IRON PHOSPHATE (LFP) BATTERY

CAMEC's new LFP battery, now available in a 100Ah or 200Ah capacity. LFP batteries offers many advantages in comparison to a sealed lead acid (SLA) battery such as a longer cycle life, lightweight, higher charging efficiency and shorter charging time.

Whilst the initial cost of buying a LFP battery is much higher than SLA battery, the achievable tangible and intangible benefits can outweigh the initial investment cost. The CAMEC LFP battery is developed with basic functionality, leveraging on the advantages of the battery cell chemistry, to enable this great product to be the next best alternative to an SLA battery with increased affordability.

FEATURES

- Longer cycle life
- Fast and efficient charging
- High energy density
- Lighter weight
- Wider temperature range
- Maintenance free



PRODUCT SPECIFICATIONS	100AH	200AH
Nominal Voltage (V)	12.8	12.8
Nominal Capacity (Ah)	100	200
Charge Cut-off Voltage (V)	14.6	14.6
Discharge Cut-off Voltage (V)	10.0	10.0
Life Cycle @ 80% DoD (Cycle)	2,000	2,000
Standard Charge Current (A)	50	50
Max. Charge Current (A)	100	100
Continuous Discharge Current (A)	100	100
Maximum Discharge Current @ 10s (A)	200	200
Dimensions (mm)	L307xW169xH215	L483xW170xH240
Weight (kg)	10	19
Terminal	M8	M8
Casing	ABS	ABS
Working Temperature (°C)	Charge: 0 to 55 Discharge: -20 to 60	Charge: 0 to 55 Discharge: -20 to 60
IP Protection Level	IP65	IP65