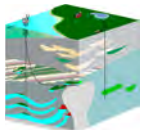


Lithium Ion battery

KMS-410 Lithium Ion battery



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KMS-410 (12V, 30Ah)



KMS-410 Lithium Ion battery in transportation case, inside view and battery cable

The KMS-410 Lithium Iron Phosphate (LiFePO₄) battery is the ultimate in weight versus power technology. This is a replacement for most lead-acid battery, and will require no change to your existing system. LiFePO₄ contains no poisonous lead, no acid, and does not create gasses during charge, as traditional Lead-Acid batteries do. Compared to lead-acid, Lithium Iron Phosphate batteries are also extremely light, have much lower self-discharge, do not sulfate, and are more environmentally friendly.

Product features

- Ultra light, **20% weight of** lead-acid batteries (on average)
- **Twice to four times** the service life of lead-acid batteries
- Replacement for your OEM battery
- Fast recharge rate, requires special charger
- No explosive gasses during charge, no lead, no acid
- Environmentally friendly
- Expected number of charge cycles over 2,000
- Self-discharge rate only 2% per month
- Expect 8-10 years of battery life that will reduce your operating cost by half compared to lead acid

Product specifications

| | |
|-----------------------------------|--|
| Model No.: | KMS-410 |
| Voltage: | 12 V |
| Capacity: | 30 Ah, 384 Wh |
| Chemistry: | LiFePO |
| Weight: | 8.6 LB |
| Dimensions: | 7.5"(L)x5"(W)x7"(H) (With carry case:9.5"(L)x7"(W)x8.5"(H)) |
| Life Cycles: | 2,000 @ 80% DOD |
| BMS: | YES (Internal) |
| MAX Charge Voltage | 14.6 V |
| Discharge Cut-off Voltage: | 10.5 V |
| Max Charge Current: | 20 A |
| Max Discharge Current: | 30 A |
| Operating Temperature: | -22 F to +140 F |
| Cycle Life: | >3,000 Cycles (About 10 years) |
| Usable Capacity: | 99 % |
| Self-discharge Rate/Month: | 1-3 % |
| Safety Performance: | Safe |
| Impact on the Environment: | Pollution-free |