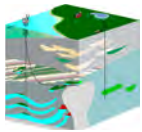


Lithium Ion battery

KMS-410 Lithium Ion battery



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

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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