

KBI **KSM** **Kompact™**

KAPower® Starting Module

Eliminate no starts from "dead" batteries

**A supercapacitor engine starting device for
smaller boats, RVs and buses**



**KOLD-BAN
INTERNATIONAL, LTD.**

**We Are The Expert Leader
In Engine Starting Solutions**

www.koldban.com



What Is the KBI KSM Kompact™ Engine Starting Device?

The KBI KSM Kompact™ module is designed for recreational boats, Class B & C RVs, paratransit buses, and other smaller, commercial & noncommercial watercraft and vehicles. It is an auxiliary power source that is installed in conjunction with traditional cranking batteries and derives its power from those batteries or an engine charging system. This starting device is also designed to work with and supplement lithium battery engine cranking limitations.

How it works

The KBI KSM Kompact™ module depends on its KAPower module, an energy storage device which is engineered to reliably crank and start internal combustion engines. For every engine starting event it releases energy in short, powerful bursts to crank your engine, then fully recharges the engine in about 30 seconds. Recharging can be accomplished from virtually any 12-volt DC electrical power source. Charging and discharging will not wear out the device.

The KBI KSM Kompact™ module provides an engine with the power it needs to start, even with a “dead” or rundown battery.



The Advantages of the KBi KSM Kompact™ Auxiliary Power Source

Whenever you need to start up your engine and might need to deal with a dead battery, whether you are on the water or the road, you can have the assurance that your vehicle will start with the KBi KSM Kompact™ device. It is the ideal backup system for traditional lead acid batteries, because it is always ready to help start your engine. Plus, the KBi KSM Kompact™ module often outlives the boat or vehicle it's installed on and requires no maintenance.

- **Stores cranking voltage until needed:** a charge typically lasts several months
- **Long service life**—It can be used again and again for the life of your boat or vehicle
- **Easy to install**—Place it in any orientation, even vertically or upside down
- **Automatically recharge within seconds**—When it needs to be recharged, any DC power source can be used
- The performance is virtually **unaffected by the temperature**
- **Increases the life of batteries**
- **Requires NO maintenance**
- **Made in the USA**



Specifications

Electrical Characteristics

Operating Voltage Window	7 – 14.5 volts
Ultimate Maximum Voltage	15 volts
Ultimate Minimum Voltage	0 volts
Current Leakage @ 15V	4.5 mA
Energy within Operating Voltage Window	19.4 kJ
Internal Resistance	0.0026 OHMS
Capacitance	240 F
Maximum Power	42.05 kW
Cycle Life	1,000,000 cycles

Dimensions and Weight

Length x Width x Height Inches (mm)	14.25 (361.95) X 10.25 (260.35) X 6.25 (158.75)
Weight	8 lb (3.62 kg)

Kold-Ban has a Supercapacitor System to Start Any Engine

Cars, boats, RVs, trucks, buses, heavy equipment and more!



KrankingKART JR™
Supercapacitor
Jump Starter



KBi KSM Kompact™



KrankingKART®
Mini HD Jump Starter



KSM™ Supercapacitor
KAPower® Starting
Module

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Kold-Ban International, Ltd.

8390 Pingree Rd, Lake In The Hills, IL 60156

Phone: (847) 658-8561 | Toll Free: (800) 527-8278

info@koldban.com | www.koldban.com

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