

# SmartBank Lite - Split Charging



SmartBank Lite is a battery combiner that joins multiple battery banks together while charging and disconnects them again while discharging. Battery Combining is the Industry Accepted ‘best method’ of split charging and introduces no voltage drop or force-feeding of batteries. SmartBank Lite also has an “Emergency Parallel” feature that allows jump starting in the event of engine batteries running flat.

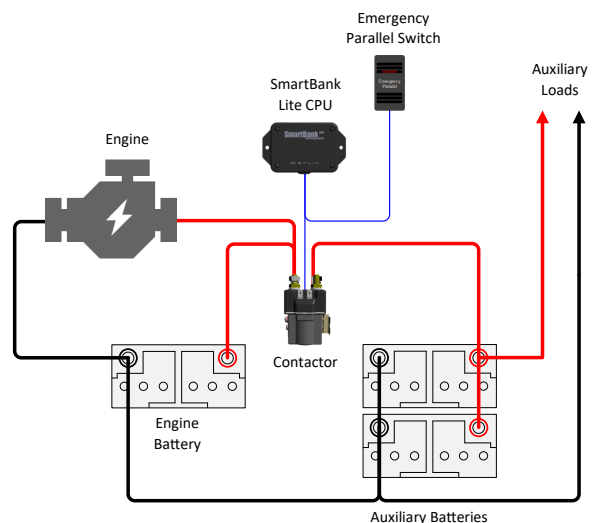
- Zero-Loss Split Charging with no force-feeding of batteries.
- Adjustable Connect/Disconnect & Hold Delay Timer to prevent contactor “chatter” and allows tuning of the system for best performance.
- Suitable for two battery banks and any number of charging sources
- Emergency Parallel— allows you to jump start from auxiliary batteries. Supplied with dash-mounted switch with built-in LED warning.
- Open contactor contacts to allow cleaning



## Installation Example:

SmartBank Lite is designed for two battery banks and any number of charge sources. The contactor should be mounted in a clean, dry environment between the batteries. The Contactor can handle up to 125A continuously.

SmartBank Lite is designed as a stepping stone between low cost VSR’s and advanced combiners.



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## Specifications:

MODEL	12 VOLT	24 VOLT
RETAIL PART #	19-2050	19-2051
NOMINAL VOLTAGE	12VDC	24VDC
MAXIMUM CURRENT (CRANKING)	600A	600A
MAXIMUM CURRENT (CONTINUOUS)	125A	125A
RECOMMENDED ALTERNATOR SIZE	<=100A	<=100A
POWER CONSUMPTION	<5mA	<3mA
CPU WEIGHT EX CABLES (GRAMMES)	103.5	103.5
CPU WEIGHT EX CABLES (POUNDS)	0.23	0.23
CONTACTOR DIMENSIONS (LxWxH) MM	84 x 62 x 25	
CONTACTOR DIMENSIONS (LxWxH) INCHES	3.59 x 1.97 x 1.54	
CONTACTOR WEIGHT (GRAMMES)	350	350
CONTACTOR WEIGHT (POUNDS)	0.77	0.77
RESET SWITCH CUTOFF DIMENSIONS (HxW) MM	37 x 22	
RESET SWITCH CUTOFF DIMENSIONS (HxW) INCHES	1.45 x 0.83	
COMPLIANCE	EMC2002/95/EC, CE MARK	
	ISO7637-2, SAE J1171	

SmartBank Lite is also available in OEM versions and component parts for building into control boxes and panels or for serial production line environments.