

SmartBank Advanced



SmartBank Advanced combines the power of our SmartGauge Battery Monitor and SmartBank Split Charging Technology. Because SmartGauge understands how your batteries are working, it continuously tunes settings to ensure best split charge performance as batteries and charge systems age.

As well as ensuring top charging performance, SmartBank Advanced displays battery voltage and state of charge information to allow users to get the most from the batteries without excessive discharge.

Please see the SmartGauge Datasheet for further info.

- Combined Battery Monitor & Split Charging System
- Provides Battery Voltage & State of Charge % for your Auxiliary Battery and Voltage for the Engine Start Battery
- SmartGauge displays split charging status, on-screen set up and emergency parallel feature
- Industry Accepted "Best Practice" Method of split charging with zero loss, no force-feeding/overcharge and virtually no parasitic power drain
- Suitable for two or three battery banks, 12 and 24V

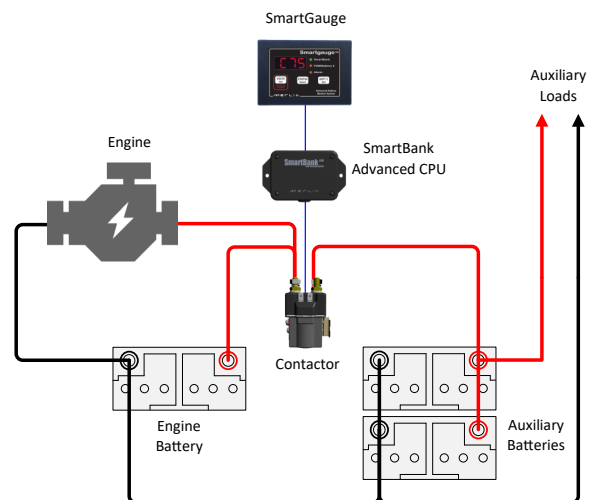


Installation Example:

SmartBank Advanced may be used with 2 or 3 battery banks. Shown is a typical 2 battery installation.

The contactor shipped with SmartBank Advanced is ignition protected and suitable for installation in wet engine rooms/under bonnets.

SmartGauge acts as a battery monitor, split charge remote control and programming interface.



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Specifications:

MODEL	12 VOLT	24 VOLT
NOMINAL VOLTAGE	12VDC	24VDC
MAXIMUM CURRENT (SURGE)	725A	725A
MAXIMUM CURRENT (CONTINUOUS)	200A	200A
RECOMMENDED MAX ALTERNATOR CURRENT	<=150A	<=150A
CONNECT VOLTAGE (ADJUSTMENT RANGE)	Fully adjustable	
DISCONNECT VOLTAGE (ADJUSTMENT RANGE)	Fully adjustable	
TIME ADJUSTMENT	Fully adjustable	
ENGINE HIGH/LOW VOLTAGE ALARM	Fully adjustable	
AUXILIARY HIGH/LOW VOLTAGE ALARM	Fully adjustable	
AUXILIARY LOW STATE OF CHARGE ALARM	Fully adjustable	
ALARM CONTACTS FOR EXTERNAL ALARM	YES	YES
SPLIT CHARGE INDICATORS	YES	YES
EMERGENCY PARALLEL MODE	YES	YES
SMARTGAUGE OVERALL DIMESIONS MM (INCHES) WxHxD	110 x 76 x 28 (4.33 x 2.99 x 1.10)	
SMARTGAUGE CUT-OUT SIZE MM (INCHES) WxH	95 x 64 (3.74 x 2.52)	
CPU DIMENSIONS LxWxH MM (INCHES)	138 x 62 x 33 (5.43 x 2.44 x 2.91)	
CPU WEIGHT GRAMMES (POUNDS)	150 (0.33)	
CONTACTOR DIMENSIONS LxWxH MM (INCHES)	91 x 50 x 39 (3.59 x 1.97 x 1.54)	
CONTACTOR WEIGHT GRAMMES (POUNDS)	375 (0.83)	
STANDARDS	EMC2002/95/EC, CE MARK ISO-7637-2	

PART #	UPGRADE KIT	FULL KIT
12V 2 BATTERY BANK*	19-3001	19-3010
12V 3 BATTERY BANK*	19-3002	19-3011
24V 2 BATTERY BANK*	19-3003	19-3012
24V 3 BATTERY BANK*	19-3004	19-3013

*SmartBank Advanced is available as either a full system or as an upgrade kit.

The Upgrade Kit is designed for existing owners of SmartGauge. Kit includes Split Charging hardware (contactors), control box and interface cable) only.

The Full System includes the SmartGauge and Split Charging Hardware.