

Sterling-Power-USA

Sterling Power Battery-to-Battery Chargers

Why wait to arrive at your destination to plug in your battery charger?

With the Sterling Power Battery-to-Battery Charger you can charge a 12v or a 24v Auxiliary Bank of Batteries from your starting battery. Choose from a variety of configurations to accommodate various power needs including:



12v to 24v

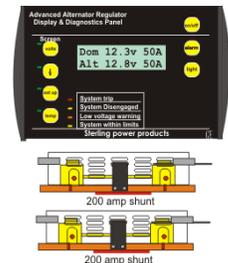
24v to 12v

12v to 12v

24v to 24v

This on-board offering of battery-to-battery chargers is able to provide a calculated 4 step charging profile to your batteries **without being plugged into shore power!** By monitoring and then controlling the voltage level of the alternator connected to the input side, the alt-to-bat is able to provide a full multi-stage charge rate that **recovers your house battery bank five times faster than using just a standard alternator!** The unit constantly monitors and ensures the starting battery on the input side is never under or overcharged & only then does it direct the vehicles alternator into providing surplus power it can convert into a user selectable battery charging profile that is appropriate for your batteries.

- ✓ **Quick and Easy to Install.** Installation requires no modification to the primary electrical system, resulting in no vehicle warranty issues as you are not connected to the main system.
- ✓ By monitoring and then controlling the charge level of the engine battery connected to its input side, the Battery-to-Battery charger is able to **provide the output batteries a four-step charging algorithm at amperage levels near full alternator output capacity.**
- ✓ This allows the flexibility of charging of your auxiliary batteries while underway or while your engine battery charger is plugged in at the dock.
- ✓ Recover your batteries up to five times faster than a standard alternator.
- ✓ **Four Step Battery Charging Profile extends the life of your batteries** by ensuring a full charge & conditioning, as well as entering a float mode when charging is complete to **protect against overcharging your batteries.**
- ✓ **Ability to mix** on board battery types.
- ✓ Can charge GEL, AGM or Flooded Lead Acid batteries.
- ✓ Available in 12 volt input to 24 volt output: For 12 volt engines to charge a 24 volt bow thruster bank.
- ✓ Available in 24volt input to 12 volt output: For 24 volt engines to charge a 12 volt electronics or house bank.
- ✓ Available in 12 volt input to 12 volt output: For 12 volt engines to charge a 12 volt house bank.
- ✓ Available in 24 volt input to 24 volt output: For 24 volt engines to charge a 24 volt inverter or bow thruster bank.
- ✓ Optional Remote Available. Remote Displays Input and Output Current and Voltages of Batteries, Faults, etc.



Engine Start Battery Voltage (input side)	Auxiliary Battery Voltage (output side)	Unit Size (LxWxH)	Weight	Max Output Amps	Part #
12v	12v	10"x11"x3"	8.0 lbs.	40 amps	BB121245
12v	24v	10"x11"x3"	8.0 lbs.	20 amps	BB122445
24v	12v	10"x11"x3"	8.0 lbs.	40 amps	BB241225
24v	24v	10"x11"x3"	8.0 lbs.	20 amps	BB242425
Remote Control	Includes 10 meter cable & internal shunts for current measurement				BBRC