

Sterling-Power-USA

Sterling-Power Alternator-to-Battery Chargers

- ✓ Why wait to arrive at your destination to plug in your battery charger? With the Sterling Power Alternator-to-Battery Charger you can provide your batteries a 4 step charging profile of up to 200 amps from your alternator while not being plugged into shore power!
- ✓ The Sterling Power Alternator-to-Battery Charger is the only high performance, four step, alternator powered battery charger you will find on the market today. 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 charge rate that recovers your batteries up to five times faster than a standard alternator.
- ✓ Has the ability to mix on board battery types.
- ✓ Can charge GEL, AGM, FLA, Calcium and LiPo4 Batteries.
- ✓ Our 4 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.
- ✓ Installs in place of a standard alternator to battery isolator.
- ✓ Available in 12 volt / 80, 130, 160 and 210 amp output.
- ✓ Available in 24 volt / 60, 100, 150 and 200 amp output.
- ✓ Optional Remote Available.



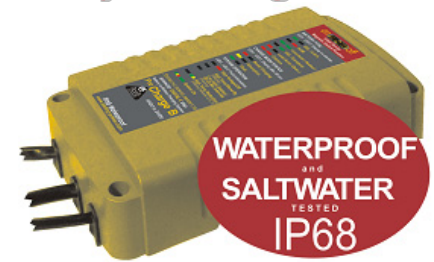
Sterling-Power Battery-to-Battery Chargers

- ✓ Quick and Easy to Install, Charge your extra battery banks without being plugged into shore power by using your engine charging system.
- ✓ Installation requires no modification to the primary electrical system.
- ✓ 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 charge rate that recovers your batteries up to five times faster than a standard alternator.
- ✓ This allows the flexibility of charging of your auxiliary batteries while underway or while your engine battery charger is plugged in at the dock.
- ✓ Has the ability to mix on board battery types.
- ✓ Can charge GEL, AGM and FLA batteries.
- ✓ 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 24 volt output: For 12 volt engines to charge a 24 volt bow thruster 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.



Sterling-Power Waterproof Battery-to-Battery Chargers

- ✓ Ideal for charging your trolling motor batteries while you motor across the lake to your next fishing destination.
- ✓ Quick and Easy to Install, Charge your extra battery banks without being plugged into shore power by using your engine charging system.
- ✓ Advanced 4 step charging algorithm provides a charging rate that recovers your batteries up to five times faster than from a standard alternator.
- ✓ Waterproof, prewired cables and fuses included.
- ✓ 2 models Available July 2010: 12v to 12v & 12v to 24v... more models coming soon.



Sterling-Power Zero Volt Drop Battery Isolators

- ✓ "Zero Volt Drop" says it all. The ProSplit-R battery Isolator is generations ahead of any battery isolator on the market today.
- ✓ Zero Volt Drop means no heat due to current induced voltage drop.
- ✓ Microprocessor control means the ProSplit-R can monitor the charging needs of the auxiliary batteries separately from the engine battery. Doing so allows the ProSplit-R to permit charging of the auxiliary bank at a higher rate without affecting the other batteries in the same system.
- ✓ All these features result in a shorter charge time than ever previously available when using a battery isolator.
- ✓ Available in 12 volt, 1 alternator, 2 batteries, 120, 180 and 250 amp.
- ✓ Available in 12 volt, 1 alternator, 3 batteries, 120, 180 and 250 amp.
- ✓ Available in 12 volt, 2 alternators, 4 batteries, 130 amps each alternator.
- ✓ Available in 24 volt, 1 alternator, 2 batteries, 60, 100, 150 and 240 amp.
- ✓ Available in 24 volt, 1 alternator, 3 batteries, 60, 100 and 150 amp.
- ✓ Available in 24 volt, 2 alternators, 4 batteries, 80 amps each alternator.



Sterling-Power Advanced Alternator Regulators

- ✓ Small in size. Big in charging results.
- ✓ Our Lowest cost solution to advanced 4 step charging on the go.
- ✓ Sterling Power Advanced Alternator Regulators allow you to change the standard output of your alternator into a four step charge profile.
- ✓ Our Four Step Battery Charging Profile extends the life of your batteries by fully charging and conditioning your batteries, as well as entering a float mode when charging is complete to protect against overcharging your batteries.
- ✓ Advanced 4 step charging algorithm provides a charging rate that recovers your batteries up to five times faster than from a standard alternator.
- ✓ Unlike other Advanced Regulator packages on the market our advanced regulators will work with your existing engine alternator. You don't have to buy a new alternator as part of the installation. No pulley changing, no new bracket building.
- ✓ When installed in conjunction with our ProSplit-R Zero Drop Battery Isolator Product Line, you can provide advanced 4 step charging to all of your battery banks from your alternator, without the risk of any one of your battery banks discharging the others.
- ✓ Four different battery charging profiles are selectable: Open lead acid, closed lead acid, AGM and GEL.
- ✓ Will work with 12 volt system and positive or negative field inputs.
- ✓ Supplied with a battery temperature sensor to provide battery temperature compensation.
- ✓ The ProReg-D model has an optional remote, 12 or 24 volt capability and an alternator temperature sensor.



Sterling-Power Battery Chargers

- ✓ Analog, Digital and PFC (Power Factor Corrected) battery chargers are available.
- ✓ 12 volts models available w/ output current up to 60 amps.
- ✓ 24 volts models available w/ output current up to 30 amps.
- ✓ Three DC output studs are standard.
- ✓ Eleven pre-programmed and one user defined charging profiles (PCU Models).
- ✓ Digital display of current and voltage (PCU Models).
- ✓ Battery Temp compensation available and sensors are supplied. (PCU Models)
- ✓ Desulphation mode for Flooded Lead Acid batteries (PCU Models).
- ✓ Sterling Battery Chargers are designed & built to UL 1236 marine & ABYC A-31.



Sterling-Power Global Charger

- ✓ Small enough to fit in your glove-box, powerful enough to provide true 4 step charging.
- ✓ Portable Microprocessor Controlled Battery Charger.
- ✓ Select by touchpad which of our 3 charge profiles best fits the charge profile recommended by your battery manufacturer.
- ✓ Checks for a battery fault, then flashes a warning if battery is beyond repair and needs replacing.
- ✓ Repairs faulty battery (if recoverable) – If the battery is found faulty but repairable, the Global Charger will inject short high voltage DC pulses in an effort to de-sulphate and repair the battery.
- ✓ Built in de-sulphation feature cleans & extends the life of your batteries.
- ✓ Automatically goes into float charge when your batteries are done charging, keeping the batteries from being overcharged.
- ✓ 50% power reduction mode: for batteries under 30 amp hours.
- ✓ Safety features include: Reverse Polarity, No Spark, Thermal, Overload, Short circuit and 40 hour safety timeout.
- ✓ Two interchangeable connection leads included. Choose from clips or ring terminals.
- ✓ Available in a 12 volt 5amp model & a 24 volt 2.5 amp model.



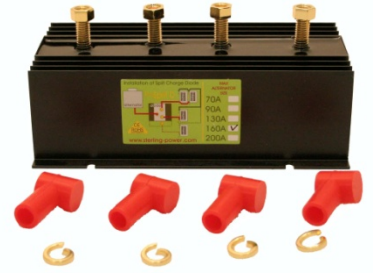
Sterling-Power Combi-Q & Combi-S DC to AC Inverters

- ✓ Provide your boat or motor-home 110VAC from your battery bank while you are mobile.
- ✓ Charge your batteries & convert battery power into household 110VAC with the same unit. (Combi)
- ✓ Can charge GEL, AGM, FLA and Calcium batteries.
- ✓ Modified or Pure Sine Wave models from 1,600 to 3,200 watts.
- ✓ 12 volt and 24 volt models available.
- ✓ Models available w/ built in Power Factor Corrected Chargers (Combi).
- ✓ 60 hz 120 volt and 50hz 230 volt AC output available.
- ✓ Removable control panel for remote mounting, 10 meter cable included.
- ✓ Automatic 30 amp "Pass-Through" relays available (Combi).



Sterling-Power Low Volt Drop Battery Isolators

- ✓ Separate your battery banks & protect them from accidental discharge.
- ✓ The ProSplit-D battery Isolator is a more efficient version of the diode based battery isolator that has been sold on the market for over 30 years.
- ✓ More efficient means less voltage drop for more effective charging.
- ✓ More efficient also means less heat is given off.
- ✓ All these features result in a shorter charge time than ever previously available when using a diode based battery isolator.
- ✓ Available in 1 alternator, 2 batteries, 70, 90, 130, 160 and 200 amp.
- ✓ Available in 1 alternator, 3 batteries, 70, 90, 130, 160 and 200 amp.



Sterling-Power Manual 3 way Cross-Over Switch

- ✓ Ideal where 3 power sources are used such as inverters, shore power and generators on a boat / vehicle.
- ✓ Easy to Install, supplied w/ 2 shafts for thin panel mounting and 1/2" panel mounting.
- ✓ Available in 20, 30, or 50 amp models.



Sterling-Power Amp Hour Counter

- ✓ Designed to monitor and display all vital electrical information.
- ✓ Shunts on this system can be fitted in the negative or positive cables.
- ✓ Backlighting ensures perfect visibility in daylight, direct sunlight and at night.
- ✓ May be either flush mounted or surface mounted.
- ✓ Monitors one amp hour counter, up to 4 different amp readings & 4 different volt readings.
- ✓ Comes w/ a 200 amp shunt, & up to 3 additional shunts in 200 amp or 400 amp sizes are available.



Sterling Power Optional Remotes

- ✓ A variety of Sterling Power Products have optional remotes.
- ✓ Backlighting ensures perfect visibility in daylight, direct sunlight & at night.
- ✓ May be either flush mounted or surface mounted & comes w/ a 30ft cable.
- ✓ ProRegD can be controlled and monitored w/ part # "ABRC"
- ✓ Alternator to Battery and Battery to Battery Chargers can be controlled w/ part # "PDARRC"



DC Clamp Meter

- ✓ Heavy Duty, yet compact. Meets IEC 1010 CAT111 specifications.
- ✓ Data Hold Function, Continuity Beeper.
- ✓ Additional AC and DC specifications available on our website.



Wind Up Multimeter – No batteries needed!

- ✓ Never have a dead battery in your Multimeter when you really need it!
- ✓ Leave in your vehicle or toolkit, and simply spin the crank 10 seconds for 10 minutes of use!
- ✓ Full specifications can be found at our website.

