

# AUTO GENERATOR START, TIMERS, DC DEVICES

## Voltage Controlled Switches

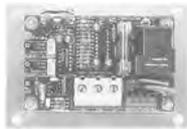
An adjustable voltage relay switch, available Active High, or Active Low.

792-010	Open Frame-Activate High	\$89
	10-60V 30A VCS-1AH	
792-011	Enclosed-Activate High	\$139
	10-60V 30A VCS-2AH	
792-012	Open Frame-Activate Low	\$89
	10-60V 30A VCS-1AL	
792-013	Enclosed-Activate Low	\$139
	10-60V 30A VCS-2AL	



These voltage controlled switches are activated when the battery bank voltage reaches a user adjusted set point. The "Activate High" model is commonly used to turn on a battery vent fan. The "Activate Low" model can be used as a load controller. Both versions work

at 12, 18, 24, 36 and 48 volts DC. They can switch up to 30 amps. A thorough instruction manual complete with various hook-up diagrams is included.



Dimensions:

Open Frame: 5.2 L x 2.9" W x 1.8" H

Enclosed Unit: Approx. 10"L x 6"W x 2.5" H

## Generator Starter

Advanced generator control based on battery voltage.

792-001	Enclosed 12-48 VDC	\$369
792-002	PC Board Only 12-48 VDC	\$289

The Model GS-2 Universal Generator Starter is used to automatically start and stop your generator at user settable battery bank voltage levels. This unit supports 2, 3 and 4 wire systems as well as incorporating advanced control systems for glowplug activation or load control. Relay activation is indicated by LED's for precrank, crank, load, run, stop and fault. The unit is mounted in a NEMA 3R box: 10" x 8" x 4" deep.



The Model GS-1 is the same as the GS-2 but without an enclosure (PC board only).

## DC Conversion/Autotransformer

### DC Conversion 12 to 24V

792-029	6A @ 24V CV 12/24-6	\$189
792-030	12A @ 24V CV 12/24-12	\$319

### DC Conversion 24 to 12V

792-027	20A @ 12V PPT 12/24-20	\$189
792-028	5A @ 12V PPT 12/24-5	\$129

### DC Conversion 48 to 12V

792-031	10A @ 12V PPT 48-10R12	\$229
792-032	20A @ 12V PPT 48-20R12	\$429

These devices are used to convert DC voltages from one voltage to another. The DC conversion units maintain a set output voltage over a range of input voltages. For example, you could achieve a constant 12.6 volts from a 24 volt battery bank which might range from 24 volts to 29 volts. We carry nominal 12 or 24 volt output units which can be field adjusted to fine tune the actual output voltage. All versions operate at greater than 95% efficiency.



The devices are mounted in a weathertight NEMA 4 enclosure which measures 4.5"L x 2.9"W x 2.6" H.

## Programmable 12V Timer

909-007	884 Timer	\$69
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With this timer you can control up to 16 amps at up to 250 volts AC or 36 volts DC. It is a 7 day 8 event timer. Once the timer is connected to 12 volts and reset, its internal battery will maintain its quartz clock and programming for up to 5 years. However, it must be connected to a 12 volt source for its switching functions to work. It only functions as a switch, with normally open contacts switching to closed.



Dimensions: 2 3/4" x 2 3/4" x 2 1/2" deep

Solar Converters, the Canadian company that designs and manufactures the majority of the devices to the left, has many other types of devices available. They have devices that power pumps or charge batteries from either a higher or lower voltage source than what the pump or battery bank is rated for. They have lighting controllers and differential temperature controllers. They also offer cathode protection devices, voltage alarms and universal battery trickle chargers. For descriptions of these devices, or manuals for all their devices, visit their website at [solarconverters.com](http://solarconverters.com). We can drop-ship any device they offer directly to you.