

DC Power Conditioners



12 & 24 Volt Stabilizing Converters

Feed sensitive electronics with proper voltage regardless of battery condition. These stabilizing converters provide continuous, precisely regulated output over the entire range of a battery's usable voltage. This prevents subjecting loads to fluctuating input voltage which can cause shutdown, diminish performance and possibly damage sensitive circuitry.

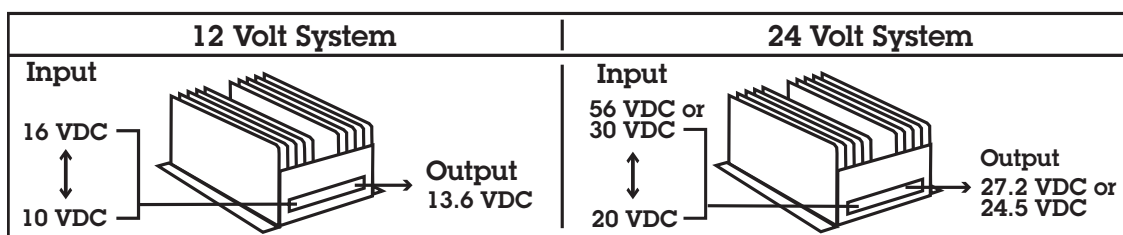
These converters provide total input/output isolation, virtually eliminating conducted line noise and permitting connection of negative ground loads to positive or floating ground systems, or vice versa. They can also be modified for use as battery chargers, allowing maintenance of a battery at a great distance from the charging source, providing reserve power if the main source fails. The rugged anodized aluminum case is ideal for mobile applications.

Application Benefits Include

- Operate electronics at optimal input voltage, even from nearly drained batteries
- Boost voltage to compensate for voltage drops in long wire runs from batteries
- Eliminate voltage drops during momentary high current drain from batteries, as during engine start
- Eliminate voltage fluctuation from charge sources
- Eliminate voltage overshoot due to sudden removal of high current load

Options/Factory Modifications (contact factory for details)

- Operation as a battery charger
- Parallel/redundant operation
- Non-standard output voltage



or

Model	Input Voltage	Output			Dimensions (H x W x D)		Weight	
		Voltage	Amps Intermittent	Amps Continuous	Inches	Centimeters	Lbs.	Kg.
12-12-3I	10 - 16	13.6	3	3	3.5 x 3.5 x 1.75	8.9 x 8.9 x 4.5	1	.45
12-12-6I	10 - 16	13.6	6	6	3.5 x 3.5 x 1.75	8.9 x 8.9 x 4.5	1	.45
12-12-12I	10 - 16*	13.6	12	8	4.25 x 5.9 x 14.0	10.8 x 15.0 x 35.6	6	2.7
12-12-35I	10 - 16*	13.6	35	20	6.0 x 6.8 x 16.5	15.2 x 17.3 x 41.9	12	5.5
24-24-3I	20 - 32	27.2	3	3	6.0 x 6.8 x 16.5	15.2 x 17.3 x 41.9	12	5.5
24-24-7I	20 - 32	27.2	7	7	7.0 x 3.5 x 1.75	7.0 x 3.5 x 1.75	2	.9
48-24-9I	20 - 56	24.5	9	5	4.25 x 5.9 x 14.0	10.8 x 15.0 x 35.6	8	3.6
48-24-18I	20 - 56	24.5	18	10	10 6.0 x 6.8 x 16.5	15.2 x 17.3 x 41.9	12	5.5

* 115 VDC minimum start-up voltage, then operates @ 10-16 VDC from 1 amp minimum to full load



Powering the Network