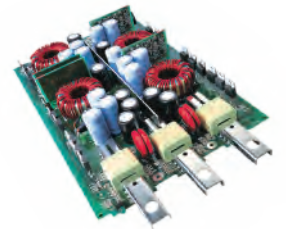
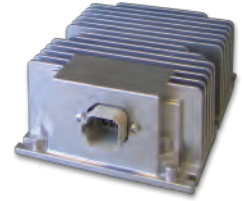


Converters / Equalizers



Special Design Features

- Low standby current drain - typically 5mA or less
- -40 to +85C operating temperature at full current derated at higher temperatures
- Thermally protected for over temperature conditions
- Short circuit and over current protected
- Reverse polarity protected
- Over voltage/low voltage protected
- Will continuously stand off up to 100Vdc
- Rohs units available with select Converters & Equalizers
- Loss of ground protected
- EMI/EMC Compliance - Depending upon the requirements, we offer models designed to meet specific customer, SAE, ISO, E mark, CE or military standards
- Operating input voltage range from 9V-96Vdc negative ground
- Shock and vibration resistant
- Environmentally protected and splash-proof sealed models available
- Typical efficiency of 94%
- Units can be paralleled for greater output capacity

Pure Reliable Power

Sure Power Industries offers an expanded line of DC-DC Converters and Battery Equalizers from low to high output current capabilities (2.5 amps to 100 amps). Sure Power is setting the pace when it comes to the growing demands for dual voltage applications.

The Sure Power Battery Equalizer maintains battery balance or “equalization” in a predominantly 24V system that requires 12V power. The Sure Power Battery Equalizer can deliver up to 100 amps of continuous 12V current for practically any 12V load ranging from fare boxes, destination boards, two way radios, and transmission controls, to engine controls and lighting. Sure Power DC-DC Converters continue to provide regulated power directly to accessory or main loads. Sure Power offers DC-DC Converters producing up to 40 amps at 24V from a 12V source and up to 100 amps at 12V from a 24V source. Sure Power offers a wide variety of features and multiple levels of protection.

MODEL	VOLTAGE INPUT	VOLTAGE OUTPUT	OUTPUT CURRENT	FUNCTION	SPECIAL FEATURES
41222	12	24	10	Equalizer	Output Current @ 105 C Switched & Unswitched Outputs
12010X	12	24	10	Converter/Equalizer	Switched Output
12025X	12	24	25	Converter/Equalizer	Switched Output/Available Offset Output
12040X	12	24	40	Converter/Equalizer	Switched Output w/ Offset Output
12055C00	12	24	55	Converter	12V or 24V Selectable Input
52100	24	12	2.5	Converter	Switched & Unswitched Output
21008C10	24	12	7.5	Converter	IP 67, Rohs
21012C10	24	12	12	Converter	IP 67, Rohs
21015C00	24	12	15	Converter	Switched & Unswitched Output
21020C00	24	12	20	Converter	Switched & Unswitched Output
21030X00	24	12	30	Converter/Equalizer	Switched & Unswitched Output
52X04	24	12	40	Converter/Equalizer	High Current Converter/Equalizer
21060X00	24	12	60	Converter/Equalizer	High Current Converter/Equalizer
21080X00	24	12	80	Converter/Equalizer	High Current Converter/Equalizer
21100X00	24	12	100	Converter/Equalizer	High Current Converter/Equalizer
41102	9-16	14	10	Voltage Conditioner	
11020C00	9-14	14	20	Voltage Conditioner/Trail Charger	
11020C00LO	9-14	14	20	Trail Charger	Lockouts
11050C00	9-14	14	20	Trail Charger	
41010C00	27-70	13.5	10	Converter	Switched Output/Unswitched 12V Output
41020C00	28-70	13.5	20	Converter	Switched Output/Unswitched 12V Output
71030i	57-124	13.5	30	Converter	Isolated Output/Unswitched 12V Output