

Power Converters

Eaton standard product and custom developed DC-DC converters provide regulated power directly to accessory or main loads. Eaton DC-DC converters produce 24V power from a 12V source and 12V power from a 24V, 48V and 72V sources.



Features & Benefits

Operating with a typical efficiency of 94%, Eaton DC-DC converters are optimally ruggedized for transportation applications including state of the art vibration, emissions and abnormal use features, such as reverse polarity protection.

Options

Eaton DC-DC converters are designed to meet specific customer requirements including, SAE, ISO, E mark, CE and military standards, as well as application specific environmental requirements.

Standards & Certifications

RoHS, EMI/EMC Compliance

Model	Voltage (input / output)	Output Current	Function	Design Features
12000 Series - UP Converters				
12010C10	12 / 24	10	Converter	Switched output
12025C00	12 / 24	25	Converter	Switched output / available offset output
12040C10	12 / 24	40	Converter	Switched output with offset output
12055C02	12 / 24	55	Converter	12V or 24V selectable input
21000 Series - DOWN Converters				
21005C10	24 / 12	5	Converter	IP 67, RoHS, switched and unswitched output
21008C10	24 / 12	7.5	Converter	IP 67, RoHS, switched and unswitched output
21010C10	24 / 12	10	Converter	IP 67, RoHS, switched and unswitched output
21012C10	24 / 12	12	Converter	IP 67, RoHS, switched and unswitched output
21015C10	24 / 12	15	Converter	IP 67, RoHS, switched and unswitched output
21020C10	24 / 12	20	Converter	IP 67, RoHS, switched and unswitched output
21030C10	24 / 12	30	Converter	IP 67, switched and unswitched output, RoHS
52304	24 / 12	40	Converter	High current converter
21060C00	24 / 12	60	Converter	IP 67, high current converter
21080C00	24 / 12	80	Converter	IP 67, high current converter
21100C00	24 / 12	100	Converter	IP 67, high current converter, RoHS
41020C10	28-70 / 113.5	20	Converter	IP 67, switched output / unswitched 12V output
71030i	57-124 / 13.5	30	Converter	Isolated output / unswitched 12V output
Trail Chargers - TDC/DC Battery Chargers				
11010C11	9-14 / 14	10	Boost Converter	IP 67, temp. compensated output
11020C11	9-14 / 14	20	Boost Converter	IP 67, temp. compensated output
11020CL1	9-14 / 14	20	Boost Converter	IP 67, temp. compensated output, reduced current mode w/lockouts

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