

Battery Equalizers

Eaton standard product and custom developed battery equalizers maintain battery balance in vehicle applications with multiple voltages and high peak load demand. Eaton battery equalizers produce 10A to 100A outputs to equalize 12V and 24V systems.

Features & Benefits

Operating with a typical efficiency of 94%, Eaton battery equalizers are optimally ruggedized for transportation applications including state of the art vibration, emissions and abnormal use features, such as reverse polarity protection. Provides robust fail safe operation for dual voltage systems.

Options

Eaton battery equalizers 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
Up Conversion Equalizers				
12010E10	12 / 24	10	Equalizer	Switched output
12025E00	12 / 24	25	Equalizer	Switched output / available offset output
12040E10	12 / 24	40	Equalizer	Switched output with offset output
Down Conversion Equalizers				
21030E10	24 / 12	30	Equalizer	IP 67, RoHS
52204	24 / 12	40	Equalizer	High current equalizer
21060E00	24 / 12	60	Equalizer	IP 67, high current equalizer
21080E00	24 / 12	80	Equalizer	IP 67, high current equalizer
21100E00	24 / 12	100	Equalizer	IP 67, high current equalizer