

True Sine Wave Inverter

The Eaton True Sine Wave Inverter provides clean, reliable AC power in a commercial truck application. Featuring a True Sine Wave output, the Inverter is designed and tested to meet SAE environmental and EMC Standards.

When shore power is available, the inverter automatically switches DC power to AC utility power, minimizing battery discharge and eliminating the need for external switching. Combined with an optional 40A internal battery charger, the Eaton True Sine Wave Inverter creates a complete vehicle AC power solution.

Key Differentiators

- True sine wave quality to safely power all AC appliances
- < 87% typical efficiency under all load conditions and temperatures
- AC pass through feature with 12V 40A smart battery charger option
- Ground Fault Circuit Interrupt (GFCI) protection
- Integrated AC transient, over and under voltage protection
- Integrated DC over and under voltage projection
- Over temperature protection
- User configurable charger current, battery type, low voltage disconnect and alarms

Standards & Certifications

- US 458 Listed
- CSA C22.2, No. 107.1
- SAE J1113, SAE J1114, SAE J1455 and MIL-STD-202G standard tested



Model	Voltage (In/Out)	Output Power	AC Transfer Switch	40A Battery Charger
12-110-1000	12 Vdc/100 Vac	1000W	Yes	No
12-110-1000-B4	12 Vdc/100 Vac	1000W	Yes	Yes
12-110-1800	12 Vdc/100 Vac	1800W	Yes	No
12-110-1800-B4	12 Vdc/100 Vac	1800W	Yes	Yes

Dimensions in Inches (mm)

