

TRUE BLUE POWER®

A division of Mid-Continent Instrument Co., Inc.

120W DC-to-DC Converter

TC120

Manufactured by Mid-Continent Instrument Co., Inc.

The TC120 Converter supplies 120 watts of 5 to 18-volt power to electronic equipment, including USB charging ports, lighting and cabin accessories.



The highly efficient TC120 DC-to-DC Converter produces 120 watts of power from an aircraft's 28 VDC input. Engineered with a fanless design, the TC120 saves space and reduces weight.

The TC120 produces enough energy to power electronic equipment throughout the aircraft, including in-seat, cabin and cockpit power applications. It is lighter and smaller than competing units and can be conveniently mounted in the floor or cabin wall.

Product features

OUTPUT POWER	120 Watts
INPUT VOLTAGE	24 – 32 VDC
OUTPUT VOLTAGE	5 – 18 VDC
EFFICIENCY	>90%
REMOTE CONTROL	Remote On/Off (optional)
COOLING	None required
OVERLOAD AND SHORT CIRCUIT PROTECTION	Input transient, overload and short circuit protection
DESIGNED AND MANUFACTURED	Wichita, Kansas, USA
WARRANTY	Two-year limited

Kansas

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California

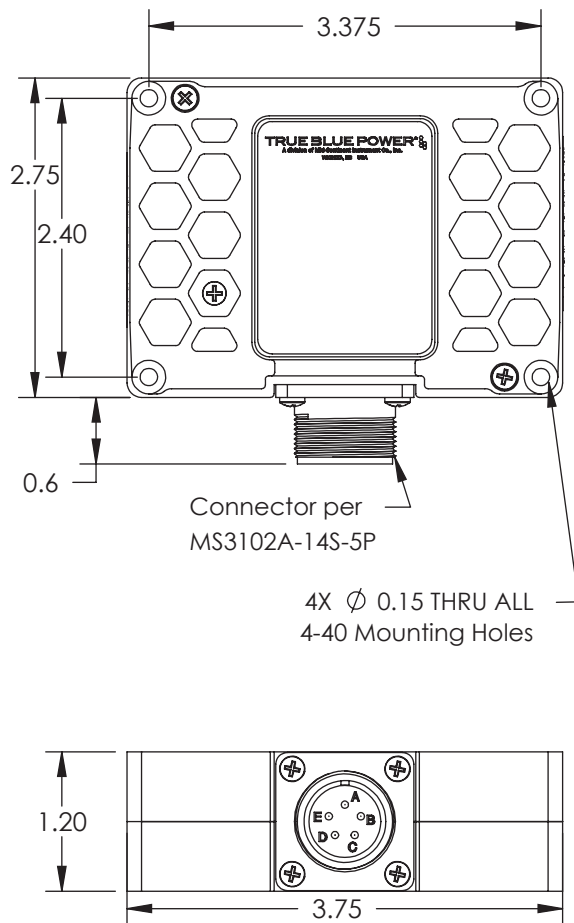
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Technical specifications

INPUT VOLTAGE	24 – 32 VDC
INPUT CURRENT	5.0 A Nominal
OUTPUT VOLTAGE	5 – 18 VDC
OUTPUT POWER	120 watts
REGULATION	1% load, 2% temperature
WEIGHT	0.6 lbs
ALTITUDE	55,000 ft
TEMPERATURE	-65°F to +160°F (-55°C to +70°C)
MATING CONNECTOR	MS3106A-14S-5S
CASE	Anodized aluminum extrusion, blue
CERTIFICATION	FAA TSO C71 certified RTCA DO-160G qualified