

TRUE BLUE POWER®

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

280W AC-to-DC Converter

TC280

Manufactured by Mid-Continent Instrument Co., Inc.

The TC280 Converter supplies 280 watts of 28-volt power to electronic equipment, including USB charging ports, lighting and cabin accessories.



TC280

The highly efficient TC280 AC-to-DC Converter produces 280 watts of power from an aircraft's 115 VAC input. Engineered to run cooler and featuring a fanless design, the TC280 saves energy and reduces weight.

The TC280 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 CURRENT	10 amps
INPUT VOLTAGE	115 ± 10 VAC, 350-800 Hz
OUTPUT VOLTAGE	28 VDC ± 3%
EFFICIENCY	>88%
REMOTE CONTROL	Remote On/Off
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

9400 East 34th Street North
Wichita, Kansas 67226 USA
Tel 316.630.0101 800.821.1212
Fax 316.630.0723
tbp@mcico.com

California

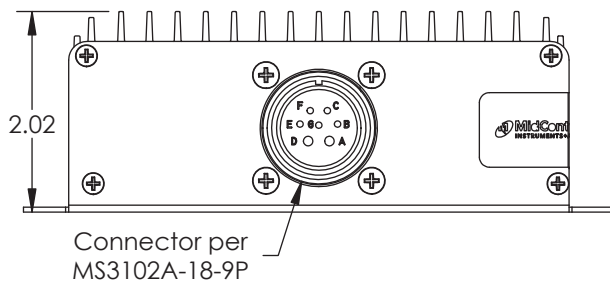
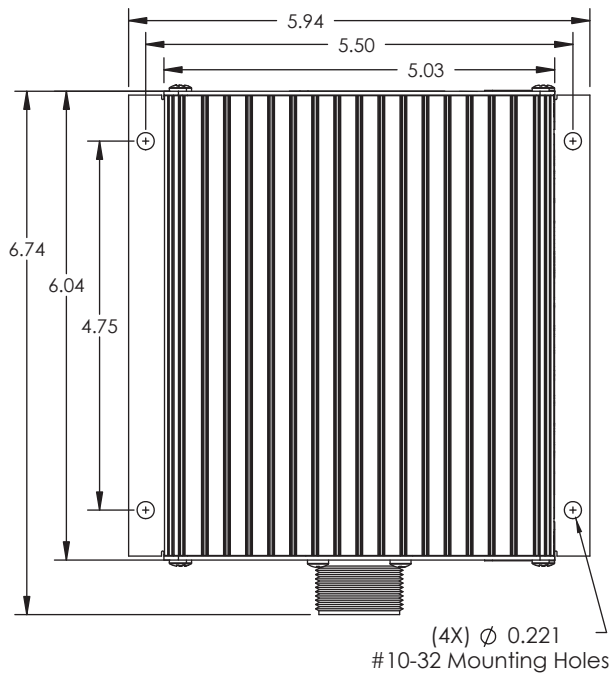
16320 Stagg Street
Van Nuys, California 91406 USA
Tel 818.786.0300 800.345.7599
Fax 818.786.2734
tbp@mcico.com

truebluepowerusa.com

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Technical specifications

INPUT VOLTAGE	115 \pm 10 VAC, 350-800 Hz
INPUT CURRENT	2.8 A Nominal
OUTPUT VOLTAGE	28 VDC \pm 3%
OUTPUT POWER	280 watts
REGULATION	2% load, 2% temperature
WEIGHT	2.0 lbs
ALTITUDE	55,000 ft
TEMPERATURE	-65°F to +160°F (-55°C to +70°C)
MATING CONNECTOR	MS3106A-18-9S (MCI P/N 9016905-1)
CASE	Anodized aluminum extrusion, blue
CERTIFICATION	FAA TSO-C71 certified RTCA DO-160G qualified