



Emergency Battery Power Supply

TS6

Manufactured by Mid-Continent Instrument Co., Inc.

The TS6 Emergency Battery Power Supply provides DC power to aircraft electronics, including Mid-Continent Instruments and Avionics 2-inch digital instruments and the Flex® Custom Function Display, when main aircraft power fails.



TS6

The TS6 is compatible with avionics or components that require 28 VDC input and is designed to provide power for one instrument at a time.

The TS6 can be fully recharged or maintain a full charge via the aircraft's primary power bus. Key functions include analog state-of-charge, 80% capacity dispatch test, and discharge shutdown.

Product features

CAPACITY	6 watt-hour
RUN TIME	60 minutes @ 0.25A (6Wh capacity)
WEIGHT	0.5 lbs
TECHNOLOGY	Nickel Metal Hydride (NiMH)
INPUT VOLTAGE	24.5 – 32 VDC
OUTPUT POWER	24 VDC nominal, 0.25 amps maximum
MAINTENANCE SCHEDULE	2 years
BATTERY LIFE EXPECTANCY	4 – 5 years
RECHARGING	Can be fully recharged or maintain existing full charge via aircraft's primary power bus
DESIGNED AND MANUFACTURED	Wichita, Kansas, USA
WARRANTY	Two-year limited

Kansas

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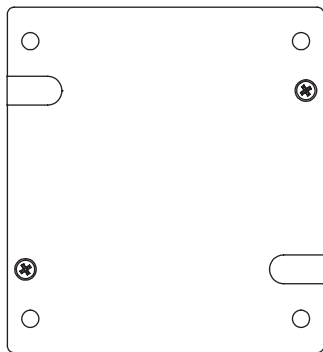
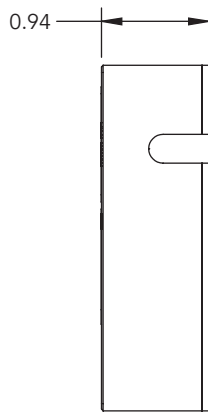
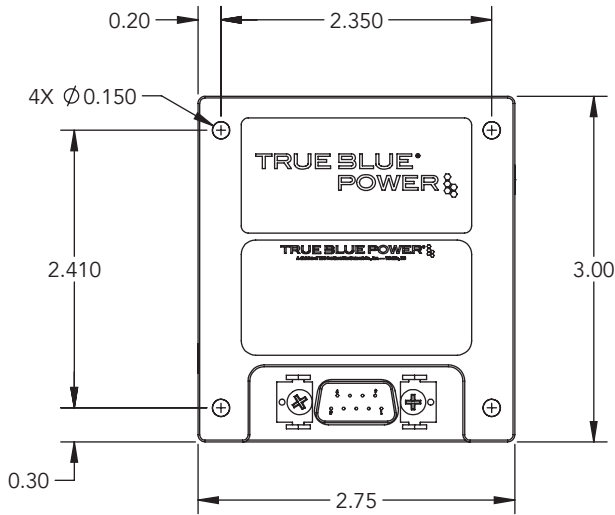
California

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Technical specifications

CAPACITY	6 watt-hour
INPUT VOLTAGE	24.5 – 32 VDC
OUTPUT POWER	24 VDC nominal, 0.25 amps maximum
WEIGHT	0.5 lbs
TECHNOLOGY	Nickel Metal Hydride (NiMH)
DIMENSIONS	2.75" L x 3.00" W x 0.94" H
BATTERY LIFE EXPECTANCY	4 – 5 years
PROTECTION	Short circuit, over temperature, under-voltage, and over-voltage
MATING CONNECTOR	DB9-style 8017287
CASE	Anodized aluminum
CERTIFICATION	FAA TSO-C173a certified DO-293A qualified RTCA DO-160G qualified