

TRUE BLUE POWER®

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



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

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|---------------------------|--|
| 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

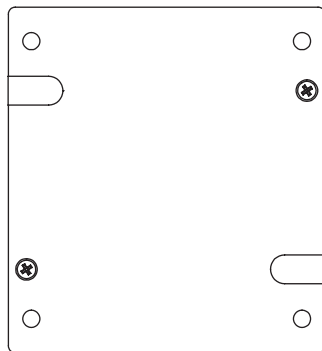
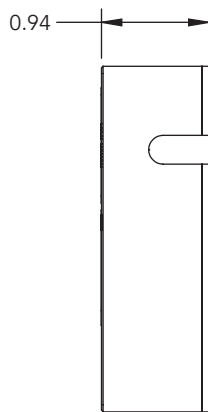
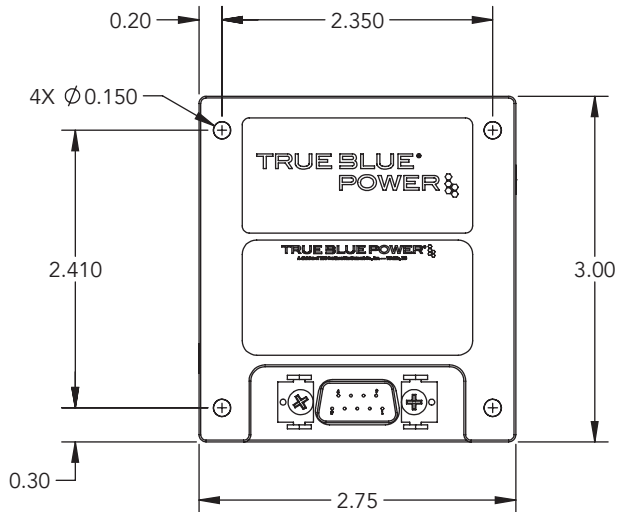
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Technical specifications

| | |
|-------------------------|--|
| 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 9019857 |
| CASE | Anodized aluminum |
| CERTIFICATION | FAA TSO-C173a certified DO-293A qualified RTCA DO-160G qualified |