

Emergency Battery Power Supply

TS28

Manufactured by Mid-Continent Instrument Co., Inc.

The TS28 Emergency Battery Power Supply is a direct replacement for Radiant Battery Power Supplies CBS28-1, providing DC power for emergency lighting and other critical equipment in the event of main aircraft power failure.



TS28

The TS28 provides power to emergency lighting on Citation 550, 560, 680, 680A and 700 aircraft models. It reduces cost for aircraft operators by delivering superior quality, longer lifespan, and cell-swapping capabilities.

The TS28 can be fully recharged or maintain a full charge via the aircraft's primary power bus. It is easy to install and the easily removeable, rechargeable battery pack shortens maintenance timelines and extends product life.

Product features

CAPACITY	28 watt-hour
RUN TIME	60 minutes @ 1A (28Wh capacity)
WEIGHT	1.7 lbs
TECHNOLOGY	Nickel Metal Hydride (NiMH)
INPUT VOLTAGE	26.5 – 32 VDC
OUTPUT POWER	24 VDC nominal, 3 amps maximum
MAINTENANCE SCHEDULE	2 years
BATTERY LIFE EXPECTANCY	4 – 6 years
DIRECT REPLACEMENT	Radiant CBS28-1
RECHARGING	Can be fully recharged or maintain existing full charge via the aircraft's primary power bus
DESIGNED AND MANUFACTURED	Wichita, Kansas, USA
WARRANTY	Two-year limited

Kansas

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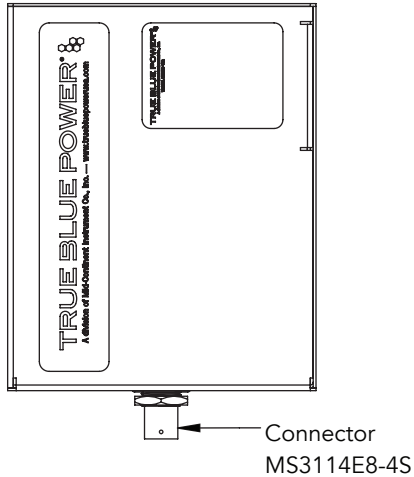
California

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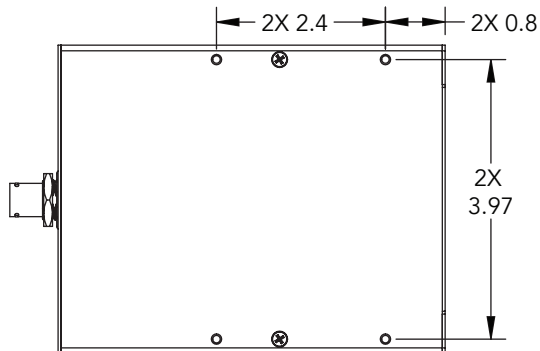
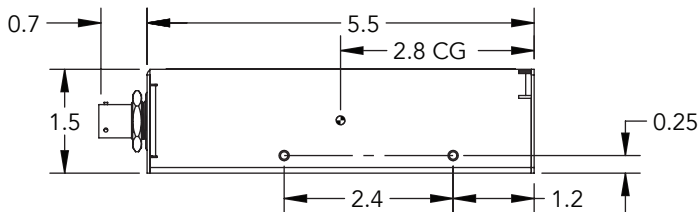
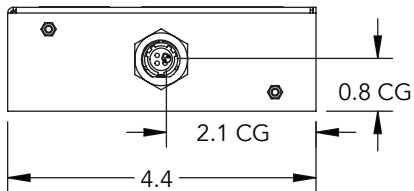
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Connector
MS3114E8-4S



Technical specifications

CAPACITY	28 watt-hour
INPUT VOLTAGE	26.5 – 32 VDC
OUTPUT POWER	24 VDC nominal, 3 amps maximum
WEIGHT	1.7 lbs
TECHNOLOGY	Nickel Metal Hydride (NiMH)
DIMENSIONS	5.5" L x 4.4" W x 1.5" H (without connector)
BATTERY LIFE EXPECTANCY	4 – 6 years
PROTECTION	Short circuit, over temperature, under-voltage, over-voltage, and EMI filtering
MATING CONNECTOR	4-pin Mil-Spec circular-style 9015514-1
CASE	Anodized aluminum
CERTIFICATION	FAA TSO-C173a certified DO-293A qualified RTCA DO-160G qualified