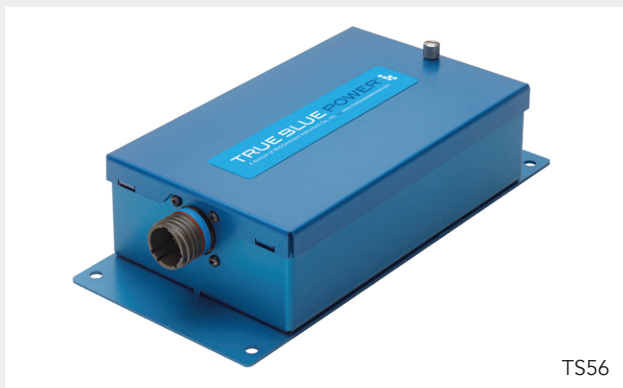


Emergency Battery Power Supply

TS56

Manufactured by Mid-Continent Instrument Co., Inc.

Designed for a 28V electrical bus, the TS56 Emergency Battery Power Supply (EBPS) provides reliable power for cabin and exit lighting in the event of main electrical failure. It has an identical mounting footprint and is a direct replacement for Radiant 640-13595-00/7450LS-00 power supplies on Embraer Phenom 300 and Praetor 500 and 600.



TS56

The TS56 EBPS delivers an all-in-one power supply and battery pack solution resulting in lower total acquisition and life-cycle cost. It offers a useful life of 6 – 8 years, 4 years longer than competing units, and features a 2-year, on-wing capacity check with no removal required.

It is equipped with a rechargeable battery pack that is easy to remove and can quickly be replaced in the field without any tools. This significantly shortens maintenance timelines and extends product life.

This EBPS features Nickel Metal Hydride (NiMH) battery technology which offers improved performance, battery life, safety, and reduced weight compared to Nickel Cadmium (NiCad). NiMH eliminates memory effect found in NiCad chemistry, allowing for more flexible charging and discharging cycles, and higher cycle life without an impact on capacity.

Product features

CAPACITY	56 watt-hour
RUN TIME	132 minutes @ 1.0A (56Wh capacity)
WEIGHT	2.9 lbs
TECHNOLOGY	Nickel Metal Hydride (NiMH)
INPUT VOLTAGE	20 – 30 VDC
OUTPUT POWER	24.6 VDC nominal, 3 amps maximum
MAINTENANCE SCHEDULE	2 years
BATTERY LIFE EXPECTANCY	6 – 8 years
DIRECT REPLACEMENT	Radiant 640-13595-00/7450LS-00
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

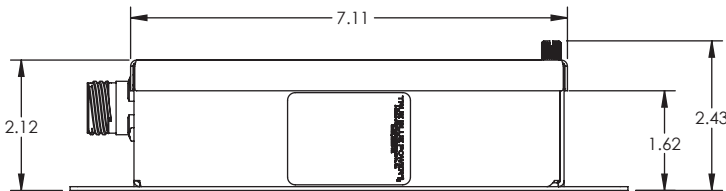
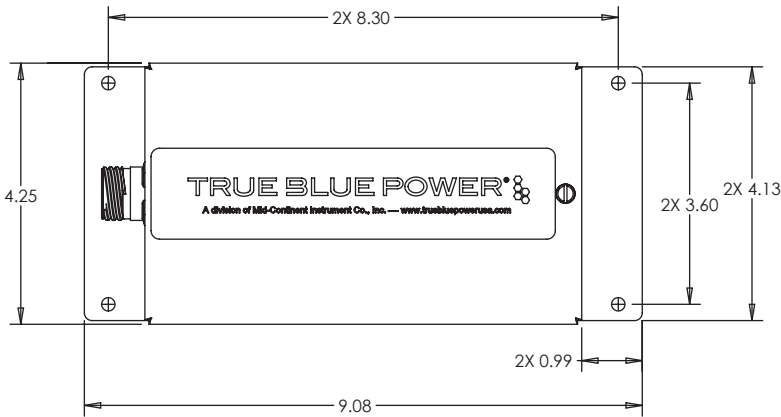
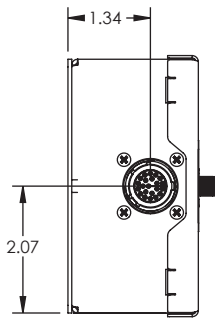
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Emergency Battery Power Supply TS56

Manufactured by Mid-Continent Instrument Co., Inc.



Technical specifications

CAPACITY	56 watt-hour
INPUT VOLTAGE	20 – 30 VDC
OUTPUT POWER	24.6 VDC nominal, 3 amps maximum
WEIGHT	2.9 lbs
TECHNOLOGY	Nickel Metal Hydride (NiMH)
DIMENSIONS	9.1" L x 4.3" W x 2.4" H
BATTERY LIFE EXPECTANCY	6 – 8 years
PROTECTION	Short circuit, over temperature, under-voltage, over-voltage, and EMI filtering
MATING CONNECTOR	D38999/26WC35SN
CASE	Anodized aluminum
CERTIFICATION	FAA TSO-C173a certified RTCA DO-293A qualified RTCA DO-160G qualified