



TS6

TS28

TS32 Series

TS56

TS60 Series

TS835 Series

CAPACITY

6 watt-hour

28 watt-hour

32 watt-hour

56 watt-hour

28 watt-hour (6430060-1, -2)
43 watt-hour (6430060-3, -4)

4.5 amp-hour

RUN TIME

60 minutes @ 0.25A

60 minutes @ 1A

153 minutes @ 2.0A

132 minutes @ 1.0A

38 minutes @ 7A (6430060-1, -2)
57 minutes @ 7A (6430060-3, -4)

153 minutes @ 2.0A

WEIGHT

0.5 lbs

1.7 lbs

1.9 lbs

2.9 lbs

3.8 lbs (6430060-1, -2)
4.0 lbs (6430060-3, -4)

4.8 lbs

TECHNOLOGY

Nickel Metal Hydride (NiMH)

Nickel Metal Hydride (NiMH)

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Nickel Metal Hydride (NiMH)

Lithium-ion

Lithium-ion

DIMENSIONS

2.75"L x 3.00"W x 0.94"H

5.5"L x 4.4"W x 1.5"H

10.8"L x 3.3"W x 2.0"H

9.1"L x 4.3"W x 2.4"H

2.60" H x 8.75" L x 5.35" W

3.1"H x 12.7"L x 2.3"W

INPUT VOLTAGE

24.5 - 32 VDC

26.5 - 32 VDC

16 - 32 VDC

26 - 32 VDC

24 - 32 VDC

20 - 32 VDC

OUTPUT POWER

24 VDC,
0.25 amps max

24 VDC nominal,
3 amps max

6.2 VDC,
7 amps max

24.6 VDC,
3 amps max

6.6 VDC,
4 amps max (6430060-1, -3)
7 amps max (6430060-2, -4)

24.5 VDC nominal,
20 amps max

MAINTENANCE SCHEDULE

2 years

2 years

2 years

2 years

2 years

2 years

DIRECT REPLACEMENT

Radiant CBS28-1

Radiant RPS1-A / B; 2013-1A
Bruce Industries 100865; 2013-BR
Collins / Page D717-01-100; D717-02-001

Radiant 640-13595-00 / 7450LS

Honeywell Grimes 60-3844-()
Honeywell Grimes 60-5025-()

L-3 Avionics/JET PS-835 or PS-855

RECHARGING

Can be fully recharged or
maintain existing full charge via
aircraft's primary power bus

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BATTERY LIFE EXPECTANCY

4 - 5 years

4 - 6 years

4 - 6 years

6 - 8 years

8 years (average)

8 years (average)

PROTECTION

Short circuit, over temperature,
under-voltage, and over-voltage

Short circuit, over temperature,
under-voltage, over-voltage,
and EMI filtering

Short circuit, under temperature,
over temperature, under-voltage,
over-voltage, and EMI filtering

Short circuit, over temperature,
under-voltage, over-voltage,
and EMI filtering

Overcharge, over-discharge,
over-current, short circuit,
and temperature monitoring

Factory replaceable fuse
Overcharge, over-discharge,
over-current, and short circuit

CASE

Anodized aluminum, black

Anodized aluminum, blue

Anodized aluminum, blue

Anodized aluminum, blue

Anodized aluminum, blue

Anodized aluminum, blue

CERTIFICATION

FAA TSO-C173a certified
RTCA DO-293A qualified
RTCA DO-160G qualified

FAA TSO-C173a certified
RTCA DO-293A qualified
RTCA DO-160G qualified

FAA TSO-C173a certified
RTCA DO-293A qualified
RTCA DO-160G qualified

FAA TSO-C173a certified
RTCA DO-293A qualified
RTCA DO-160G qualified

FAA TSO C179b certified Class A-3A
RTCA-DO 311A qualified
RTCA DO-160G qualified

FAA TSO C179b certified Class A-3A
RTCA-DO 311A qualified
RTCA DO-160F/G qualified

WARRANTY

Two-year (limited)

Two-year (limited)

Two-year (limited)

Two-year (limited)

Two-year (limited)

Five-year (limited)

POWER UP