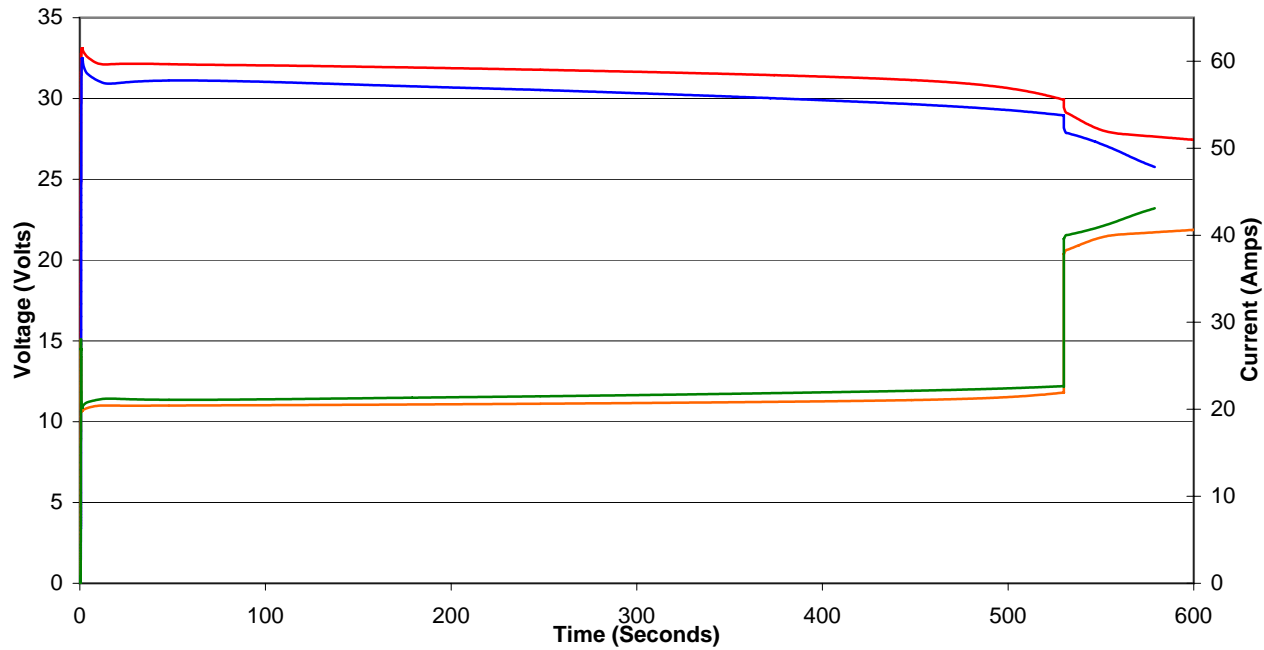


EAGLEPICHER TECHNOLOGIES LLC
POWER & SPACE DIVISION
P.O. BOX 47 JOPLIN, MO 64801
PHONE: (417) 623-8000

THERMAL BATTERY
TECHNICAL DATA SHEET
FOR BATTERY NO. EAP-12244

DATE: 08-14-2006

TYPICAL PERFORMANCE: RISE TIME: (COLD: .750 SEC. TO 26 Vdc; HOT: .575 SEC. TO 26 Vdc)



ENVIRONMENTAL REQUIREMENTS (OPERATING ONLY)

TEMPERATURE:	+5°F to +160°F
ACCELERATION:	90g's for 30 Sec 35g's for 305 Sec
VIBRATION:	Random 12 Grms 3 Min/Axis Random 13 Grms 30 Min/Axis
SHOCK:	Pyroshock 3 Shocks/Axis 2000 G Max @ 2200-4000 Hz Mechanical 100g Sawtooth 6 mS duration @ 1-5 Sec; 100-105 Sec; 200-205 Sec
SPIN:	Not applicable
Altitude:	200,000 Ft.

ELECTRICAL REQUIREMENTS

VOLTAGE: 33.5 Vdc Maximum; 26 Vdc Minimum

LOAD: 650 Watt Base Load to 530 Sec
1100 Watt Base Load 530 to Life

RISE TIME: 1.000 Seconds

LIFE: 545 Seconds

ACTIVATION: EP-360-3X

ACTIVATION INDICATOR: Temperature Decal

CASE & HEADER MATERIAL: Type 304 Stainless Steel

TERMINAL MATERIAL: 52 Fe/Ni Alloy Hot Soldered

OUTLINE CONFIGURATION:

NOMINAL WEIGHT: 12 Lbs

NOMINAL VOLUME: 116 Cubic Inches

