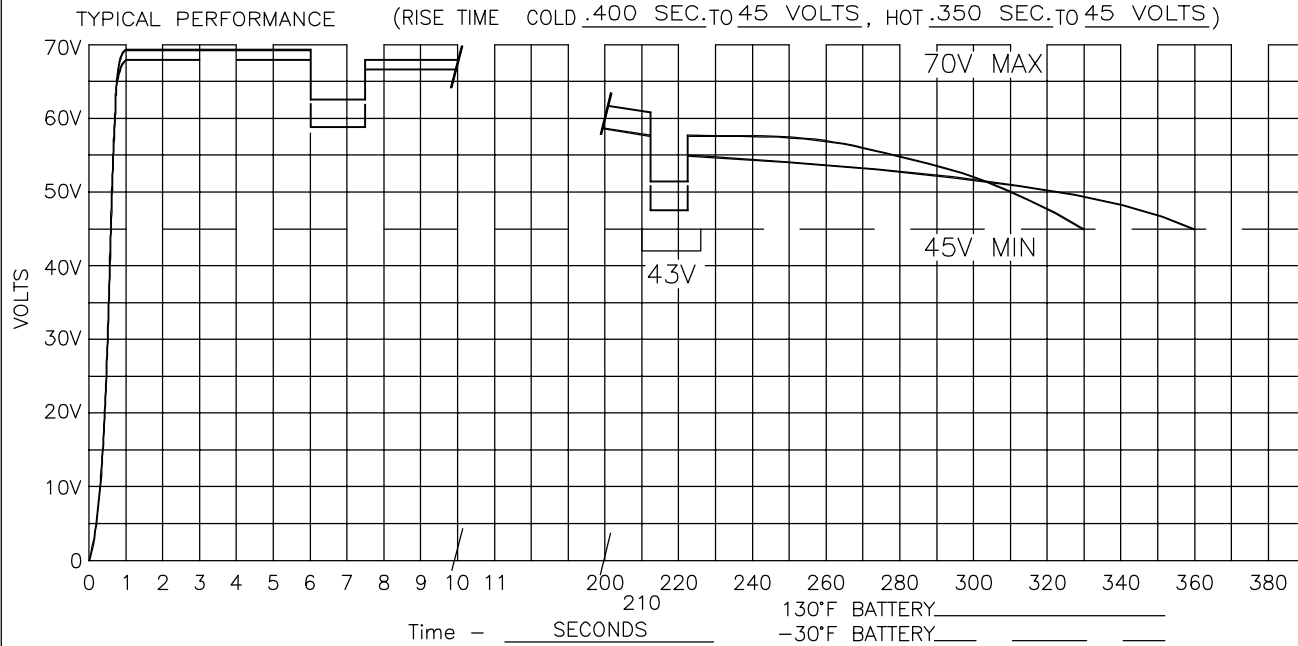


EAGLE-PICHER INDUSTRIES, INC.  
 ELECTRONICS DIVISION, COUPLES DEPARTMENT  
 P. O. BOX 47, JOPLIN, MO. 64801  
 TELEPHONE: 417-623-8000

THERMAL BATTERY  
 TECHNICAL DATA SHEET FOR BATTERY NO. EAP-12053C DATE 9/27/10



ENVIRONMENTAL REQUIREMENTS (OPERATING)	
Temperature:	130°F TO -30°F
Acceleration:	35G FORWARD, 15G AFT, 40G LATERAL
Shock:	156G, 1.78 ms
Vibration:	RANDOM 7.42 grms ±X±Y 7.28 grms ±Z
Spin:	NA
Other:	

ELECTRICAL REQUIREMENTS	
Voltage:	70 VOLTS MAXIMUM 45 VOLTS MINIMUM, 43 VOLTS MINIMUM FROM 212 TO 222 SEC.
Load:	0-1.2 SEC. 35 AMPS 1.2-3.0 SEC. - RAMP DOWN TO 6.875 AMPS 3.0-6.0 SEC. - 6.875 AMPS 6.0-7.5 SEC. - 22.5 AMPS 7.5-212 SEC. - 6.875 AMPS 212-222 SEC. - 25 AMPS 222 SEC.-LIFE-6.875 AMPS
Rise Time:	1 SEC.
Life:	222 SEC.
Activation:	EP-250-3, PER MIL-I-23659
Indicator:	NONE
Case and Header Material:	304 STAINLESS STEEL
Terminal Material:	52 Fe/Ni ALLOY TIN PLATED

OUTLINE CONFIGURATION

Nominal Weight 2 LBS  
 Nominal Volume 20.4 IN.<sup>3</sup>

