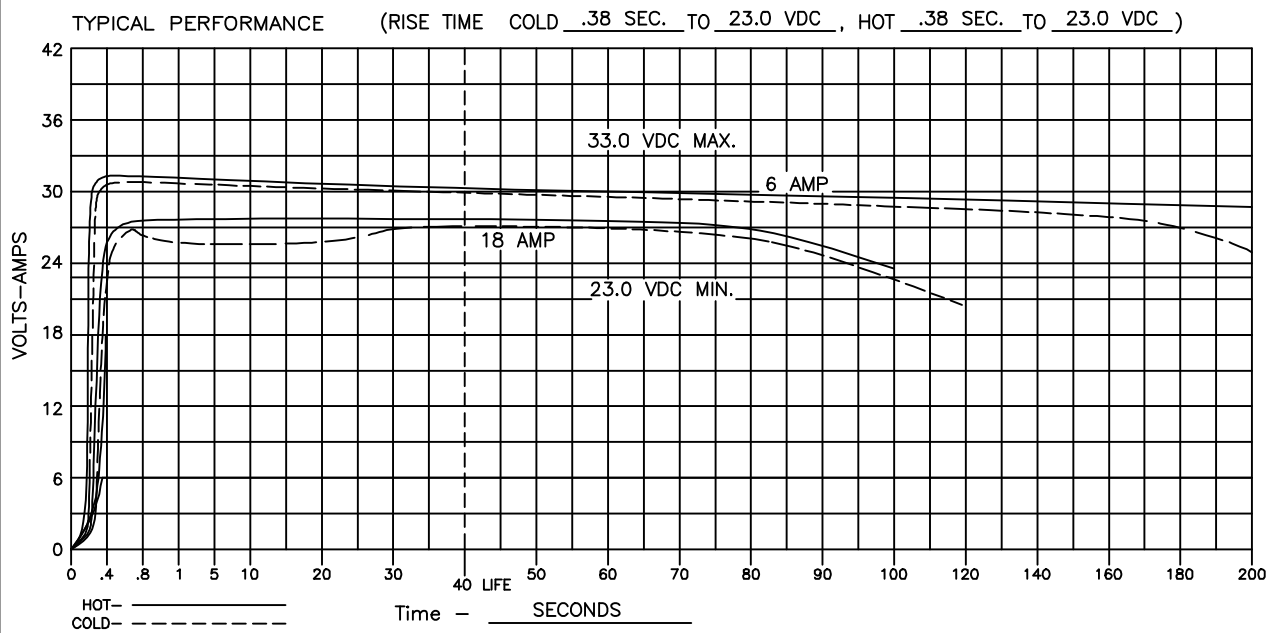


EAGLE-PICHER TECHNOLOGIES, LLC
 FEDERAL SYSTEM DEPARTMENT, ORDNANCE SYSTEMS OPERATION
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 TELEPHONE: 417-623-8000

THERMAL BATTERY
 TECHNICAL DATA SHEET FOR BATTERY NO. EAP-12198 DATE 11-16-94



ENVIRONMENTAL REQUIREMENTS (OPERATING)	
Temperature:	0°F, +138°F
Acceleration:	N/A
Shock:	HIGH INTENSITY 5-1000 Hz 10-470g
	HANDLING 4-1000 Hz 16-63g
	PYROTECHNIC SHOCK 100-10000 Hz 34-146g
Vibration:	TRANSPORTATION SINE 5-50 Hz .5-3g
	SHIP BOARD SINE 4-50 Hz .1-3g
	VIBRATION INDUCED REPETITIVE SHOCK 2-1000 Hz 1.2-37g
	RANDOM VIBRATION 10-2000 Hz 5.56g
Spin:	N/A
Other:	N/A

ELECTRICAL REQUIREMENTS	
Voltage:	33.0 VDC MAX. 23.0 VDC MIN.
Load:	0-40.0 SEC 6 AMPS MINIMUM 18.0 AMPS MAXIMUM
Rise Time:	1.0 SECONDS TO 23.0 VDC
Life:	40 SECONDS
Activation:	EP-250-12 PER MIL-I-23659
Indicator:	210°F TEMPERATURE SENSITIVE LABEL
Case and Header Material:	TYPE 304 STAINLESS STEEL
Terminal Material:	52 IRON NICKEL ALLOY HOT SOLDER DIPPED

OUTLINE CONFIGURATION

Nominal Weight 1.28 lb
 Nominal Volume 10.37 in³

