



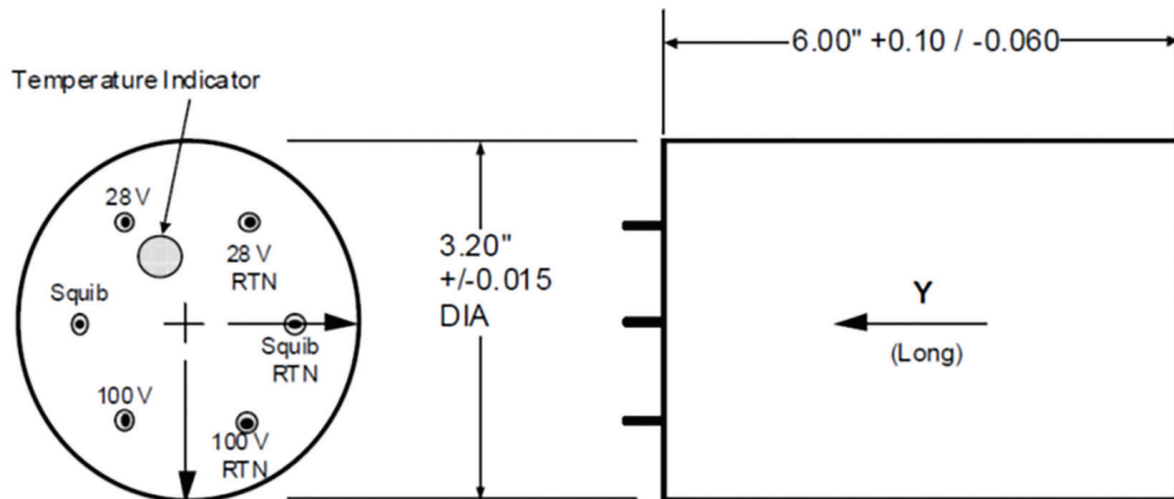
## EAP-12359 Thermal Battery



Thermal battery: lithium silicon/iron disulfide (LiSi/FeS<sub>2</sub>)

### Specifications

Part Number	EAP-12359
Weight	2.25 kg (4.96 lbs)
Nominal Volume	48.25 in <sup>3</sup>
Dimensions	Width: 81 mm (3.2 in)
	Length: 152 mm (6.0 in)
Case and Header Material	Type 304 stainless steel
Terminal Material	52 iron nickel alloy (Fe/Ni) hot soldered
Voltage Range	35 VDC max, 24 VDC min (28 V section)
	120 VDC max, 92 VDC min (100 V section)
Load	100 V section (2.3 A base, 12.3 A 100 ms pulse at 1.5 sec, 40.0 A, 1 sec pulse at 10 sec, 12.3 A 100 ms pulses at 20 sec intervals to end of life)
	28 V section (6.3 A max continuous load)
Rise Time	0.75 sec
Life	600 sec
Activation	EP-250-14
Activation Indicator	Temperature decal
Operating Temperature	-54 to 74°C (-65 to 165°F)
Vibration	19.4 Grms for 100 min
	7.8 Grms for 100 min
	6.07 Gms for 17 min
Shock	40 g peak at 30-500 Hz



# EAP-12359 Thermal Battery

TYPICAL PERFORMANCE: **RISE TIME:** (COLD: 0.180 SEC. TO 92.0 Vdc; HOT: 0.130 SEC. TO 92.0 Vdc)  
**RISE TIME:** (COLD: 0.200 SEC. TO 24.0 Vdc; HOT: 0.140 SEC. TO 24.0 Vdc)

