THERMAL BATTERY
BTR-03
( NSN 6135430013815 )

Technical data

Battery nominal voltage:
in circuit I terminal 1(+) – 4 (-) 20 ± 2.5V
in circuit II - terminal 4(+) – 2-3(-) 20 ± 2.5V
in circuit III - terminal 5(+) – 4(-) 5 ± 0.5V

Current intensity:
-2 and 3 A – circuits I and II at 10.25 and 6.89 Ω
-1 and 1.4 A – circuit III at 5 and 3.57 Ω

Activation time:
max. 1s or 1.3s (depending on the operating temperature)

Operating temperature:
from -50°C to +50°C

Operating time:
min. 31s

Weight:
max. 500g

Storage time:
13 years

Application
Rocket control systems power source.