

THERMOELECTRIC BATTERIES FOR GUIDED MUNITIONS



Areas of Application

The device is designed for power supply to electronic circuits of guided munitions (artillery and aviation projectiles, bombs, and rockets) on the flight path

Specification

Power output, W	0.1–2
Time of response, s	0.2–1
Operation time, s	20–120
Shock resistance, thousand g	5–80
Storage life, years	≥30

Advantages

Ability to generate electric power irrespective of ambient temperature, high speed of response, enhanced reliability under conditions of heavy mechanical and climatic loads, long period of unattended storage

Stage of Development. Suggestions for Commercialization

IRL7, TRL6
Manufactured and supplied, upon request

IPR Protection

IPR3

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