

ULTRALIFE[®] BatteriesWe. Are. Power.[™]

Sophie Battery

Technical Datasheet

The Ultralife Advantage

Better technology. Our lithium-based (lithium-manganese dioxide, lithium ion and lithium polymer) technologies enable us to design leading-edge power solutions for the world's most demanding applications.

**SPECIFICATIONS**

Part No	U2560E-5-27
NSN Number	6135-01-539-0013
Voltage Range	16.7 to 8.5 V
Average Voltage	13.3 V
Nominal Capacity	5.8 Ah @ 1,000 mA to 8.5 V @ 23°C
Max. Discharge	1.5 A Continuous
Pulse Capability	N/A Varies according to pulse characteristics, temperature, cell history and the application. Consult Ultralife.
PTC (re-settable fuse)	PTC 350 : UL (D74889) approved.
Weight	470 grams (max)
Operating Temp	-40°C to 72°C
Storage Temp	-40°C to 85°C
Exterior/Housing	NATO Green. Noryl 190 case
Terminals/Connector	2 spring blade contacts Ni-plated brass
Safety	Material Safety Data Sheet – MSDS066.
Transportation	Class 9. See note 1.
Export License	ITAR (International Traffic in Arms Regulations) export license required to export from U.S. DTI (Defence Trade Industry) export license required to export from U.K.
Harmonized Tariff Code	8506.50.0000

FEATURES

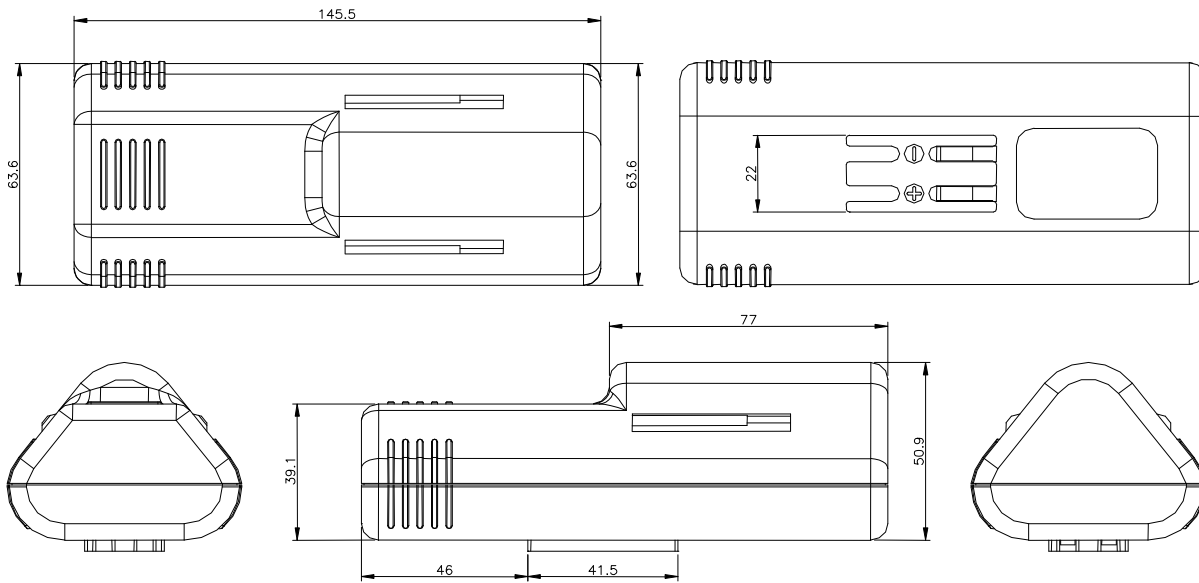
- High energy density
- No voltage delay
- Wide operating temperature range
- Lightweight
- 10-year shelf life
- Long operating life

APPLICATIONS

- Sophie Thermal Imager
- Mirabel Thermal Camera

Note 1	For a complete description of transportation regulations and definitions of the transportation classifications "Excepted" and "Class 9," refer to the Ultralife web site at www.ultralifebatteries.com .
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DIMENSIONS



PERFORMANCE GRAPHS

