

3 Volt D-Size Cell (High Capacity)

U10026 Preliminary Technical Datasheet



Technical Specifications	
Part No	U10026 U10026-T1: optional Ni tabs
NSN	6135-01-566-1034
Voltage Range	1.5 to 3.3V
Average Voltage	3.0V
Nominal Capacity	13.0Ah @ 250mA to 2.0V @ +23°C
Typical Max. Discharge	Up to 20A continuous See High Power Capabilities Graph on Page 2
Typical Pulse Capability ¹	Up to 20A
Weight	122g
Operating Temperature	-40°C to +72°C
Storage Temperature	-40°C to +95°C
Exterior/Housing	Hermetic Ni-plated steel can with Mylar sleeve
Terminals/Connector	Flat Ni-plated +/- End Caps
Safety	Material Safety Datasheet - MSDS023
Transportation ²	Class 9 - International

Features

- Same high capacity as Li-SOCl₂ spiral wound cells
- High energy density
- No voltage delay
- Wide operating temperature range
- Lightweight
- Up to 10 year shelf life
- Long operating life
- Flat Ni-plated +/- End Caps

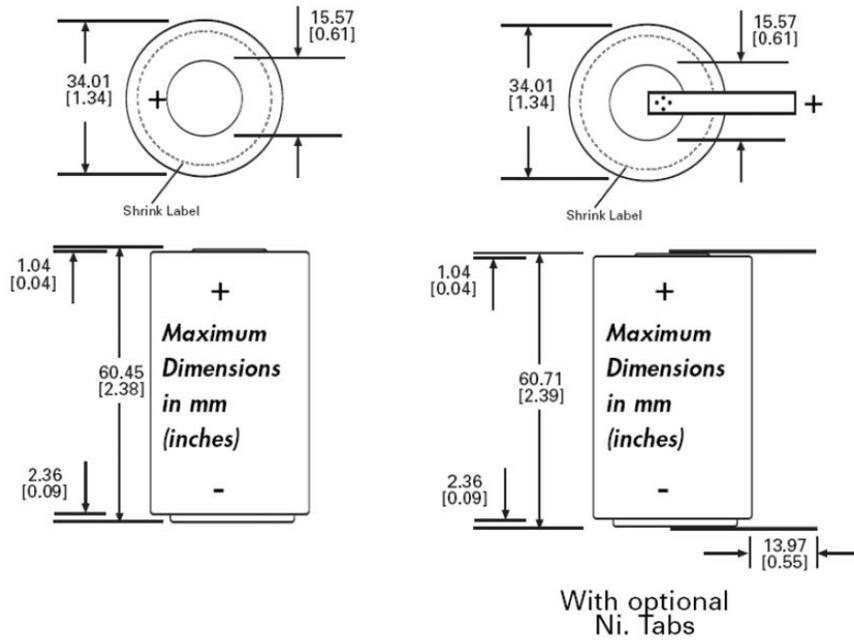
Note(s)

1. Varies according to pulse characteristics, temperature, cell history and the application. Consult Ultralife.
2. Contact Ultralife for more information on transportation regulations and classifications.

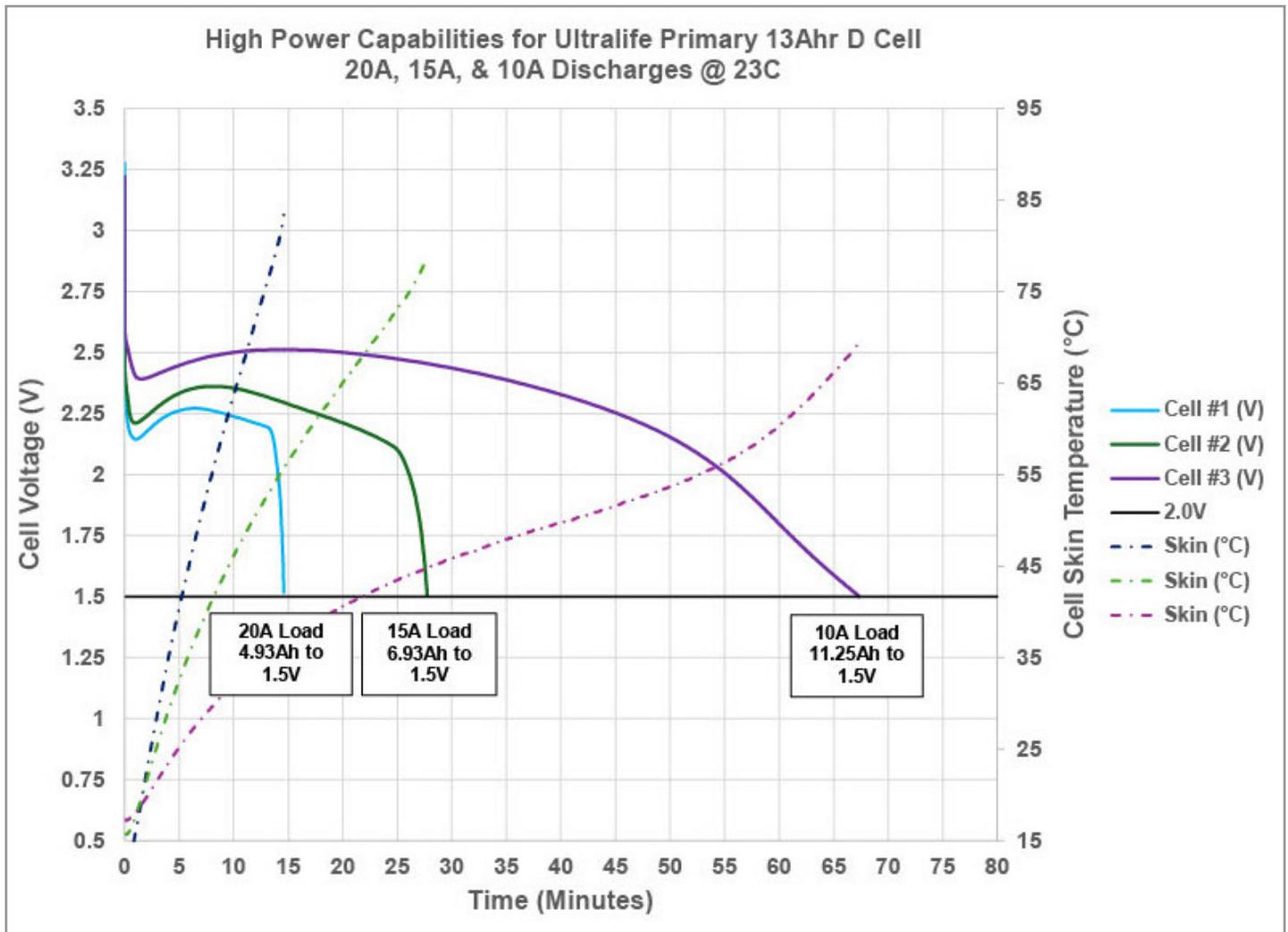
Applications

- Automotive electronics / telematics
- Alarm and security devices
- Search and rescue devices
- Military communications, detectors & imaging
- Medical devices
- Automatic meter readers (AMR)
- M2M (machine-to-machine) communications
- GPS / mobile asset tracking

Dimensions



High Power Capabilities Graph



Other Performance Graphs

