

### Applications, Features & Benefits



- Designed for mobile radio handsets
- Ultra-high energy density
- Long cycle life
- Rugged cell architecture
- Compatible with standard lithium-ion battery safety circuits and battery management systems

### Cell Characteristics

#### Capacity<sup>1</sup>

Typical	3.34 Ah
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#### Energy Density (typical)

Volumetric	882 Wh/l
Gravimetric	285 Wh/kg

#### Cycle Life (minimum cycles)<sup>2</sup>

25°C to 80% capacity retention	500 cycles
45°C to 60% capacity retention	500 cycles

#### Cell Voltage

Charge cut-off	4.35 V
Discharge cut-off	2.70 V
Average discharge <sup>1</sup>	3.62 V

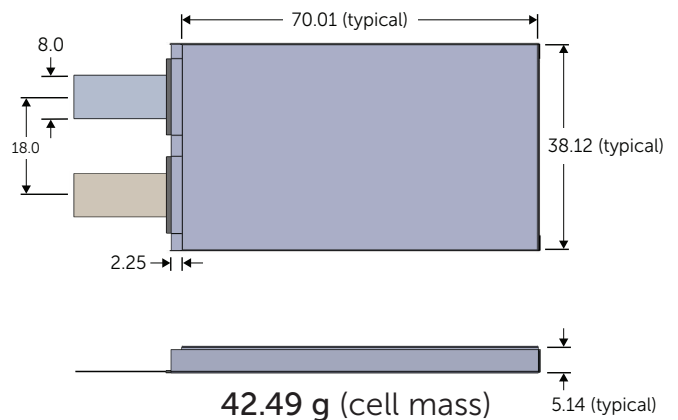
#### Energy

Typical	12.11 Wh
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<sup>1</sup>Test condition: 0.1C discharge rate

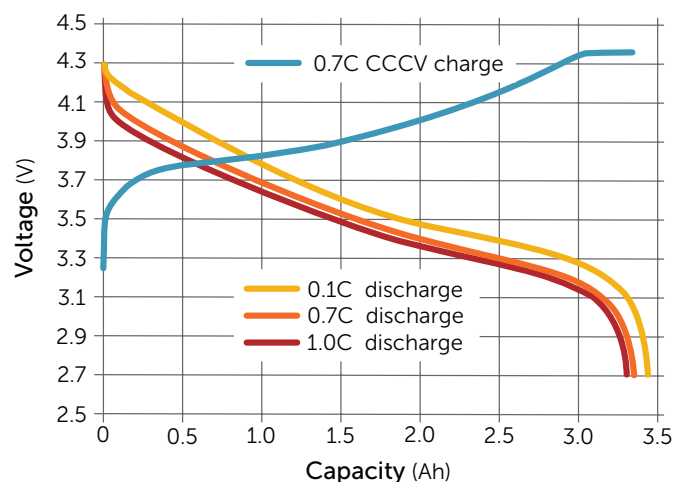
<sup>2</sup>Test condition: 0.7C charge to 4.35 V with 0.04C cutoff, 0.7C discharge to 2.7 V

### Cell Dimensions



All dimensions are millimeters (mm)

### Charge & Discharge Profiles



#### Charge Conditions

Constant current (0.7C)	2.33 A
Taper current cut-off (0.04C)	133 mA

#### Discharge Conditions

Continuous current (0.7C)	2.33 A
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The information on this Preliminary Cell Data Sheet is believed to be accurate, is typical of the product in production, and is not a guarantee of performance. Specifications and characteristics are subject to change without notice.

Contact Enovix at [sales@enovix.com](mailto:sales@enovix.com) for specific information regarding this cell.