

Applications, Features & Benefits



Designed for portable power, military and industrial applications

High energy density

BrakeFlow™ Support

Rugged cell architecture

Compatible with standard lithium-ion battery safety circuits and battery management systems

Cell Characteristics

Capacity¹

Minimum	1.93 Ah
---------	---------

Cycle Life (minimum cycles)²

25°C to 80% capacity retention	125 cycles
--------------------------------	------------

Cell Voltage

Charge cut-off	4.35 V
Discharge cut-off	2.70 V
Average discharge ¹	3.60 V

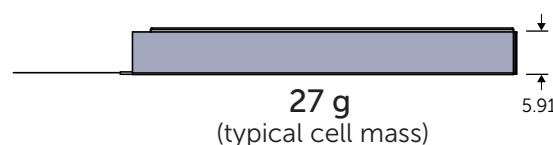
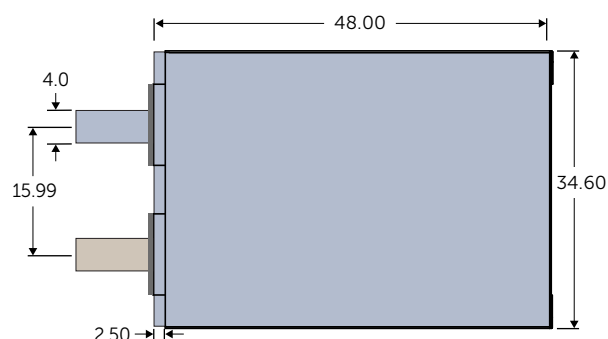
Energy

Minimum ¹	6.95 Wh
----------------------	---------

¹Test condition: 0.2C discharge rate

²Test condition: 0.7C charge to 4.35 V with 0.04C cutoff, 0.5C discharge to 2.7 V

Cell Dimensions



All dimensions are millimeters (mm) @ 0% SOC, Beginning of Life
XYZ and terrace width are maximum values. All other values are typical.

Charge Conditions

Constant current (0.7C)	1.35 A
Taper current cut-off (0.04C)	77 mA

Discharge Conditions

Continuous current (0.7C)	1.35 A
---------------------------	--------

The information on this Preliminary Cell Product Brief 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 for specific information regarding this cell.