

# N<sub>60</sub><sup>™</sup> 3.0V 3400F Ultracapacitor

## NEW PRODUCT INTRODUCTION

Nesscap Energy Inc. is proud to introduce the new **N60™** 3.0-volt 3400-farad ultracapacitor. This cell significantly raises the standard for power, energy, and overall performance, all within the industry-standard 60mm cylindrical form factor. N60™ delivers **42% greater power density** and stores **40% more energy** compared to Nesscap's standard 2.7-volt 3000-farad cells. Nesscap's proprietary cell design and rugged mechanical construction ensure exceptional cycle life and shock/vibration performance. This cell provides customers with possibilities to significantly boost performance, decrease size and weight, and reduce cost. N60™ represents a major step forward for the industry and further establishes Nesscap's technology leadership and highly regarded product line.

Features	Applications
<ul style="list-style-type: none"> <li>❑ <b>Highly Efficient and Rugged Mechanical Design</b> <i>Exceptional shock and vibration performance</i></li> <li>❑ <b>Low Equivalent Series Resistance (ESR)</b> <i>Patented electrode technology enables lowest resistance possible</i></li> <li>❑ <b>Wide Temperature Range</b> <i>Extremely reliable performance from -40°C to 65°C</i></li> <li>❑ <b>Long Operational Life</b> <i>1,000,000 cycles (rated voltage to half-rated voltage)</i></li> <li>❑ <b>Industry Standard 60mm Design</b> <i>Ease of use for integration or replacement of existing large-cell designs</i></li> </ul>	<ul style="list-style-type: none"> <li>❑ Windmill Pitch Control</li> <li>❑ Railway, Tram &amp; Subway</li> <li>❑ Hybrid Truck &amp; Bus</li> <li>❑ Automotive</li> <li>❑ Power Grid</li> <li>❑ Power Back-Up</li> <li>❑ Cranes</li> <li>❑ Automated Guided Vehicles</li> </ul>



Nesscap Part Number	Rating	Typical DC-ESR	Terminal Type	Gravimetric Specific Energy	Impedance Match Specific Power	Nominal Weight
NE03V03400ST001	3.0V 3400F	0.15 mΩ	Threaded	8.4 Wh/kg	18.5 kW/kg	505 g
NE03V03400SW001	3.0V 3400F	0.15 mΩ	Welded	8.5 Wh/kg	18.7 kW/kg	500 g

Nesscap's new **N60™** 3-volt 3400-farad cells have been extensively tested to ensure adherence to strict performance standards and will be compliant with RoHS, UL, and REACH. Technical data sheets are available at [www.nesscap.com](http://www.nesscap.com).