

## Outback 1600NC EnergyCell® NC High Capacity Battery System



Price: CAD \$29,850.00

**SKU:** OPEC1600NC

**Product Categories:** [Batteries](#), [Lead-Acid](#), [Sealed : Lead-Carbon](#), [Shop](#)

**Product Tags:** [1600](#), [1600nc](#), [canada](#), [energy cell](#), [energycell](#), [nano carbon](#), [outback](#), [outback 1600nc](#), [outback 1600nc canada](#), [outback power](#)

**Product Page:**

<https://www.modernoutpost.com/product/outback-1600nc-energycell-nc-high-capacity-battery-system/>

### Product Summary

Outback 1600NC EnergyCell® NC High Capacity Battery System, 48V Partial State of Charge (PSoC) Energy Storage Technology. The EnergyCell Nano-Carbon High Capacity battery line provides an ideal solution for larger applications where limited

sun hours are available for proper recharging of standard deep cycle batteries.

## Product Description

Outback 1600NC EnergyCell® NC High Capacity Battery System, 48V Partial State of Charge (PSoC) Energy Storage Technology. The EnergyCell Nano-Carbon High Capacity battery line provides an ideal solution for larger applications where limited sun hours are available for proper recharging of standard deep cycle batteries.

The Nano-Carbon is an enhanced and optimized negative active material formulation

which makes it more than just a carbon additive. The high surface area carbon is a specially formulated additive for improving the negative active material in lead-acid batteries. Carbon increases conductivity and adds additional capacitance to the battery. Nano-Carbon improves charge efficiency and allows PSoC operation with improved deep discharge recovery.

The included pre-assembled steel racking system allows for ease of installation with a small footprint and front access to all cell connections.

Outback 1600NC Highlights...

- ☑ Ideal for Large Residential and Commercial Self-Consumption Applications
- Up to 44% improved Cycle Life vs Traditional VRLA Batteries - Up to 95% Round-Trip Efficiency - 3-year Full Replacement warranty

Outback 1600NC Specifications Brief...

Cell Technology : VRLA-AGM Carbon

48V Cell Configuration : 4x6

Cycle Life (50% DOD) : 2,000

AHr Capacity : C/24 1.75VPC: 1392 | C/100 1.75VPC: 1600

Energy Storage per Cell (kWhr) : C/24: 2.78 | C/100: 3.2

- Total Bank Energy Storage (kWhr @ C/100) : 76.8

Dimensions LxWxH (inches / cm) : 26.38 x 28.25 x 63.78 / 67.0 x 71.8 x 162.0

Weight (lbs/Kg) : 4420 / 2205

[Download the Full Specifications Sheet\]](#)

## Product Attributes

- Dimensions: 2 &times; 2 &times; 2 cm
- Weight: 2200 kg