

## Sentinel WAVE ESS 8012 : Storage & Power System



Price: CAD \$37,519.00

**SKU:** SENWAVEESS-8012

**Product Categories:** [Discontinued](#), [More](#)

**Product Tags:** [8000](#), [8000w](#), [8kw](#), [ahi battery](#), [ahi wave](#), [aquion](#), [battery](#), [canada](#), [inverter](#), [outback power](#), [sentinel](#), [storage](#), [system](#), [wave](#), [wave 8012](#), [wave 8012 ess](#), [wave ess](#)

**Product Page:**

<https://www.modernoutpost.com/product/sentinel-wave-ess-8012-storage-power-system/>

### Product Description



The Sentinel WAVE ESS 8012 Storage & Power System is a Plug-&-Play power & energy storage system for residential use on new and existing grid interactive and off-grid energy storage applications.

The WAVE ESS integrates the industry's leading and only Cradle to Cradle Certified™ Aqueous Hybrid Ion (AHI) Aspen battery technology from Aquion Energy.

The system also incorporates an inverter designed and developed with world-class technology from Outback Power, including all wiring and communication devices within a fully engineered, robust enclosure.

The AHI™ Wave ESS is designed to make the installation and setup simple with minimal hardware, drop in paneling and simplified wiring inputs. The base unit boasts a continuous output of 4kW with scalable flexibility for future expansion—thanks to its sophisticated system design—the Wave can grow as your energy demands change.

The AHI™ Wave ESS requires no active maintenance which makes it cost-efficient due in part to the high-performance AHI™ chemistry at its core. Aquion batteries coupled with leading Outback inverter technology makes the system cleaner, safer, and smarter.

Applications for the AHI™ Wave ESS transcends residential energy storage by offering solutions such as; peak load shaving, grid stabilization, self-consumption and remote power applications.

The AHI™ Wave ESS closes the loop in the clean energy cycle to create a truly sustainable way of producing, storing and consuming clean and sustainable energy.

The WAVE ESS 8012 is cleaner, safer, and smarter.

**Rated Continuous Power:** 8000W (base model)

**Rated Energy Storage:** 23.7 kWhr

**Nominal Voltage:** 48 VDC and 120/240 VAC

**Peak Efficiency (INC):** 95%

**Peak Output Current 240VAC:** 13.3 AAC (base model)

**Operating Temperature:** -10 to 50°C ambient  
**Maximum Discharge Rate:** 8.0 kW (base model)  
**Grid Interactive and Field Serviceable:** Yes  
**Battery Type:** Aqueous Hybrid Ion (AHI™)

## Product Attributes

- Dimensions: 1 &times; 1 &times; 1 cm
- Weight: 79 kg

## Product Gallery

