

Sentinel WAVE ESS 4006 : Storage & Power System



Price: CAD \$21,559.00

SKU: SENWAVEESS-4006

Product Categories: [Batteries](#), [Inverters](#), [Off-Grid : Inverter/Charger](#), [Pre-Wired](#), [Residential ESS Units](#), [Shop](#)

Product Tags: [4000](#), [4000w](#), [4kw](#), [ahi battery](#), [ahi wave](#), [aquion](#), [battery](#), [canada](#), [inverter](#), [outback power](#), [sentinel](#), [storage](#), [system](#), [wave](#), [wave 4006](#), [wave 4006 ess](#), [wave ess](#)

Product Page:

<https://www.modernoutpost.com/product/sentinel-wave-ess-4006-storage-power-system/>

Product Description



The Sentinel WAVE ESS 4006 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 4006 is cleaner, safer, and smarter.

Rated Continuous Power: 4000W (base model)

Rated Energy Storage: 11.85 kWhr

Nominal Voltage: 48 VDC and 120/240 VAC

Peak Efficiency (INC): 95%

Peak Output Current 240VAC: 16.7 AAC (base model)

Operating Temperature: -10 to 50°C ambient

Maximum Discharge Rate: 4.0 kW (base model)

Rate Power @ 8HR Rate: 1.5 kW (base model)

Grid Interactive and Field Serviceable: Yes

Battery Type: Aqueous Hybrid Ion (AHI™)

Product Attributes

- Dimensions: 1 × 1 × 1 cm
- Weight: 69 kg

Product Gallery

