

## HUB-HC2-2000-24 : 24V, 2000Ah Lead-Carbon Battery System



Price: CAD \$24,990.00

**SKU:** HUB-HC2-2000-24

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

**Product Tags:** [1000ah](#), [2000ah](#), [24kwh](#), [24V](#), [24v lead-carbon battery](#), [2V](#), [battery bank](#), [battery rack](#), [canada](#), [Hub](#), [HUB-HC2-2000-24](#), [HUB-HC2-2000-24 canada](#), [lead-carbon](#), [lead-carbon canada](#), [narada](#), [narada battery](#), [rack](#), [sacred sun](#), [seismic](#), [stationary](#)

**Product Page:**

<https://www.modernoutpost.com/product/hub-hc2-2000-24-24v-2000ah-lead-carbon-battery-system/>

### Product Summary

The HUB-HC2-2000-24 is a 24V configuration of the HUB HC2-1000 2V, 1,000Ah

lead-carbon battery. HUB CARBON HC2 Lead Carbon batteries provide reliable energy storage for all renewable energy projects. The HC2 series offer exceptional cycle life and outstanding capacity retention, in life long “partial state of charge” applications (PSOC).

## Product Description

The HUB-HC2-2000-24 is a 24V configuration of the HUB HC2-1000 2V, 1,000Ah lead-carbon battery. HUB CARBON HC2 Lead Carbon batteries provide reliable energy storage for all renewable energy projects. The HC2 series offer exceptional cycle life and outstanding capacity retention, in life long “partial state of charge” applications (PSOC).

### HUB-HC2-2000-24 Battery System Features

- 20 year design life - Combines the advantages of traditional AGM lead acid batteries and a supercapacitor - Ideal for PSOC cycle application - High power, rapid charge/discharge - Reduce sulfation of negative plate - Excellent recharge acceptance performance - Waterproof, shockproof module installation design - Complies with IEC60896, IEC61427 standard

- The Ideal Battery System For...
  - Renewable energy storage
  - Smart power grids and microgrids system
  - Distributed energy storage system
  - Hybrid energy storage system such as solar and wind
  - Home energy storage system
  - Solar power generation grid/off-grid energy storage system
  - Emergency lighting system
  - Generator and battery hybrid energy system
  - Other standby, cycling systems

### HUB-HC2-2000-24 Battery Specifications in Brief

**Nominal Voltage** : 2V per cell (2x12 units)

**Capacity...**

1000 Ah per cell and at 48V configuration (10 hr to 1.80V/cell @25°C)

1105 Ah (20 hr to 1.75V/cell @25°C)

**Internal Resistance** : Approx 0.15mΩ

**Short-Circuit Current** : 12835A

**Low Self Discharge** : The residual capacity is above 90% after 90 days storage (25°C)

**Temperature Ranges...**

Operation (recommended): 15°C~25°C

Operation (maximum): -40°C~50°C

**Max. charging current** : 300A

**Max. constant charging current** : 200A

**Charge Voltage Floating**: 2.25V (25°C)

**Equalizing/Cycle**: 2.30V (25°C)

**Terminal** : M8 embedded copper

**Terminal Hardware** : Torque 20Nm, +/- 1Nm

**Dimensions (LxWxH)** : 282 x 231 x 408mm

Weight : 75Kg

Seismic Battery Rack Included

The merits of SEISMIC RACKING for this battery system include their exceptional design that prioritizes safety and reliability in seismic-prone regions. Engineered with a focus on robustness, these batteries are adept at withstanding the rigorous forces generated during earthquakes, ensuring uninterrupted power supply even in the face of catastrophic events. The innovative racking system not only secures the batteries in place, preventing any dislodgment, but also dissipates seismic energy effectively, thereby safeguarding the integrity of the battery installation and the critical systems it supports.

Document Downloads

**VIEW DATA SHEET SEISMIC RACKING**

## Product Attributes

- Dimensions: 200 &times; 120 &times; 120 cm
- Weight: 1900 kg

## Product Gallery



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