

HUB-HC2-1000-48 : 48V, 1000Ah Lead-Carbon Battery System



Price: CAD \$24,990.00

SKU: HUB-HC2-1000-48

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

Product Tags: [1000ah](#), [24kwh](#), [2V](#), [48v](#), [48v battery](#), [battery bank](#), [battery rack](#), [canada](#), [Hub](#), [HUB-HC2-1000-48](#), [HUB-HC2-1000-48 canada](#), [lead-carbon](#), [lead-carbon canada](#), [narada](#), [narada battery](#), [rack](#), [sacred sun](#), [seismic](#), [stationary](#)

Product Page:

<https://www.modernoutpost.com/product/hub-hc2-1000-48-48v-1000ah-lead-carbon-battery-system/>

Product Summary

The HUB-HC2-1000-48 is a 48V 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

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HUB-HC2-1000-48 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-HC2-1000-48 Battery Specifications in Brief

Nominal Voltage : 2V per cell (x24 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 × 120 × 120 cm
- Weight: 1900 kg

Product Gallery



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