

HC12-50 : HUB Carbon AGM Battery 12V, 50Ah



Price: CAD \$249.00

SKU: HUBHC12-50

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

Product Tags: [12v](#), [50ah](#), [agm](#), [agm battery](#), [canada](#), [carbon](#), [hc12-50](#), [hc12-50 canada](#), [hub hc12-50](#), [lead-carbon](#)

Product Page:

<https://www.modernoutpost.com/product/hc12-50-hub-carbon-agm-battery-12v-50ah/>

Product Summary

For some applications, Lithium is not the right solution. When it comes to lead-acid AGM batteries, the best chemistry is lead-carbon due to its longevity and tolerance to partial state-of-charge. The HC12-50 lead-carbon battery uses activated carbon and graphene in the manufacturing process. The advantages over standard AGM

include long cycle life and significantly reduced battery sulfation.

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Lead-Carbon battery technology improves the charge and discharge speed, while greatly prolonging battery life. Expect more than 2,000 cycles at 80 % DOD. The HC series are ideal for cycling and partial state of charge (PSOC) applications like solar.

HC12-50 Applications

- Off Grid Cabins & Homes - Marine / RV - Hybrid Solar & Grid Tie - Wheel Chairs, Golf Carts - Telecom Systems - Off-Grid Industrial - Micro Grid Systems

HC12-50 Features

- Common size (compare with group-24) - Able to operate at -40C to +60C - 3000 cycles @ 50% DoD - Integrated design to ensure the best uniformity and reliability - Long life and high stability in partial state of charge (PSOC) - IEC 60896

HC12-50 Specifications In Brief

ELECTRICAL SPECIFICATIONS

Nominal Voltage : 12V

Amp Hour Capacity C20 : 50Ah

Amp Hour Capacity C100 : 54Ah

CHARGE SPECIFICATIONS

Recommend Charge current : 5A

Max Charge current : 10A

MECHANICAL SPECIFICATIONS

Dimensions (L x W x H) : 229 x 138 x 212mm / 9.0 x 5.4 x 8.4 in

BCI# : (compare with group-24)

Weight : 17.7kg / 39 lbs

Terminal Type : M6

Cell Type : Lead Carbon VRLA

SAFETY

Safety Ratings : IEC60896, CE

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SPEC SHEET

Who Is Hub Power?

Hub Power Ltd., a privately-owned BC based company established in 2001. With a long history and large warehouse facility in BC, they've accumulated a significant amount of purchasing power which allows them to deliver quality products and services to both wholesale customers and integration partners.

For renewable & alternate energy systems, our highly satisfied customers range in size from small off-grid recreational cabins, grid-tie homes, boats, yachts, RV's, up to industrial scale applications.

Hub Power Ltd. is a service focused company that happens to provide expertise in stored energy products – such as automotive, golf course, marine, commercial, industrial, powersport, recreational and work truck vehicle batteries

Product Attributes

- Dimensions: 23 × 14 × 22 cm
- Weight: 18 kg