

Blue Nova RacPower BN52V-100-5.2k BP (Backup Power)



Ultra-reliable Lithium Iron Phosphate Technology. Power output = 5.2kW (continuous). Performance cycle life > 6000 cycles. Can be discharged to 100% DoD. Free delivery in South Africa. Now with a 10 year warranty.

Rating: Not Rated Yet

Price

Normal price: R 25999

Price: R 19999

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Manufacturer [Blue Nova](#)

Description

PRODUCT FEATURES

- High Performance:

- Power output = 5.2kW (continuous)
 - Fully rechargeable in 2 hours.
- Ultra-reliable Lithium Iron Phosphate Technology.
- Robust & Durable:
 - Can be discharged to 100% DoD
 - Performance cycle life > 6000 cycles.
- Inverter compatibility:
 - Serial communication (CAN/RS485) compatible with leading inverter manufacturers.
 - Compatible via voltage-based setup with all other pure sine wave inverters.
- **Waranty:** 10 year product warranty

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GENERAL SPECIFICATIONS

Battery Chemistry: Lithium Iron Phosphate (LiFePO₄)

Nominal Voltage: 51.2V Ah

Rating: 100Ah @C3, 25°C

Installed Capacity @Vnom 5 120Wh

Internal Resistance ? 50m? @1kHz AC

Serial Communication CAN & RS485

VOLTAGE

Operating Voltage Range 40.0V ~ 57.6V

Bulk Voltage (max.) 57.6V ± 0.3V

Float Voltage (recommended) 54.4V ~ 55.2 V

Low-Voltage (min.) 40.0V

CURRENT

Charge Current (max.) 50A continuous | ? 30A recommended

Discharge Current (max.) 100A for 30 mins. | ? 70A recommended

Self-discharge Rate Residual capacity: ? 3% /month | ? 15% /year Recover capacity: ? 1.5% /month | ? 8% /year

ENVIRONMENTAL REQUIREMENTS

Operating Temperature Range @Charge: 0°C ~ +50°C @Discharge: -10°C ~ +50°C

Recommended Operating Environment Temp. range: +15 ~ +35°C | Humidity: 5 ~ 75%RH

Storage Environment (stored ? 1 month) Temp. range: -20 ~ +60°C | Humidity: 5 ~ 75%RH

Storage Environment (stored ? 3 months) Temp. range: +10 ~ +45°C | Humidity: 5 ~ 75%RH

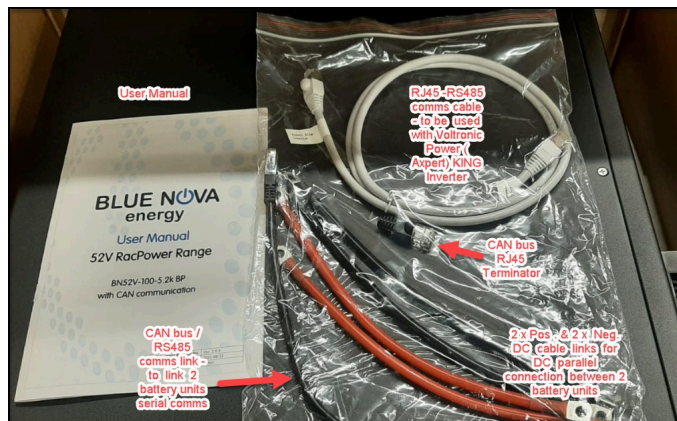
PHYSICAL ATTRIBUTES

Dimensions – Main enclosure 446mm x 435mm x 153mm (W x D x H) *

Dimensions – Front plate 481mm x 153mm (W x H)

Net Weight 46.0kg (unboxed, no accessories)

What's in the box



Reviews

Write a review for this product & receive a free discount coupon as well as access to exclusive member content. Please [register](#) or [login](#) to write your review.