BLUE ENERGY

- Maintenance free
- Multi-protection for safety
- Constant power
- Long cycle life and superior performance
- Compact size & easy to install
- Easy to scale up
- Compatible with tier 1 inverter brands
- Non hazardous

BEP-5100

Basic Parameters

SKU: BEP-5100
DC Voltages – Nominal: 51.2Vdc
Amps-Hours: 100Ah
Maximum Rated kWh Capacity:
5,100Wh @ 100% DOD
4,080Wh @ 80% DOD
Dimensions (W*H*D) mm: 175 x 360 530
Weight: 46Kg | 102Lbs
Maximum Discharge Rates (10mn): 70A DC / 3.3kW DC
Maximum Continuous Discharge Rate: 60A DC / 2.8kW DC
Maximum Continuous Charge Rate: 60A DC / 2.8kW DC
DC Voltage Range: 48Vdc to 56Vdc
Depth of Discharge (DOD): Up to 100% / Recommend 80%
Charging Temperature: 0 to 120 ℉ / 0 to 49 ℃
Operating Temperature: -4 to 140 ℉ / -20 to 60 ℃
Shelf Temperature:
6 Months: 14 to 77 ℉ / -10 to 25 ℃
3 Months: -4 to 113 ℉ / -20 to 45 ℃
Self-Discharge Rate: < 1% per month
Cooling Type: Natural
Communication: RS485, CAN
Configuration (Max in 1 battery group): 16 pcs
Design Life: 15 + years (25℃/77℉)
Cycle Life: > 6000 - Cycles at 80% DOD
RTE Efficiency: 97%
Warranty: 5 Year

OTHER PRODUCTS

BEP-7100

BEP-15000

CONTACT US

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