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-7100

Basic Parameters

SKU: BEP-7100
DC Voltages – Nominal: 25.6Vdc
Amps-Hours: 280Ah
Maximum Rated kWh Capacity:
7,168Wh @ 100% DOD
5,734Wh @ 80% DOD
Dimensions (H*W*D) mm: 514 x 416 x 266
Weight: 60Kg | 132Lbs
Maximum Discharge Rates (10mn): 150A DC / 3.6kW DC
Maximum Continuous Discharge Rate: 100A DC / 2.4kW DC
Maximum Continuous Charge Rate: 100A DC / 2.4kW DC
DC Voltage Range: 24Vdc to 28Vdc
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-5100

BEP-15000

CONTACT US

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