

NSB BLUE+ Battery®

Thin Plate Lead Carbon







The NSB BLUE+ Battery® is ideal for use in applications such as telecom backup, electric vehicles, energy storage, renewable energy, and hybrid gensets.

- Exceptional PSoC cyclic performance 2050 cycles @50% DoD
- Design life 12+ years at 20°C (68°F)
- EUROBAT design life definition: Very Long Life (12+ years)
- Ultra fast recharge
- Shelf life of up to 24 months
- Lead carbon added to negative electrodes increases power and reduces sulfation
- High potential fuel savings when used with hybrid genset applications
- Operating temperature range -40°C to +65°C (-40°F to 149°F)
- State-of-the-art automated manufacturing ensures consistency and reliability

- Advanced 3 stage terminal design to ensure leak-free operation brass terminals provide maximum performance
- Container and cover made from flame retardant UL94-V0 material, highly resistant to shock and vibration
- Integral handles and front access terminals ensure ease of installation and maintenance
- Approved as non-hazardous cargo for ground, sea, and air transport - DOT 49CFR173.159(d), (i) and (ii)





| NSB | 1 | 00F | ΤВ | LUE+ |
|-----|---|-----|----|------|
|-----|---|-----|----|------|

NSB 170FT BLUE+

| Height | 11.3 in (288 mm) | 11.1 in (283 mm) |
|--|--------------------|--------------------|
| Width | 4.3 in (108 mm) | 4.9 in (125 mm) |
| Length | 15.6 in (395 mm) | 22.1 in (561 mm) |
| Weight | 72 lbs (32.6 kg) | 116 lbs (52.5 kg) |
| Terminal | Female M8 x 1.25 | Male M6 |
| Terminal Torque | 5.0 Nm (44 in-lbs) | 9.0 Nm (81 in-lbs) |
| 10 hr Capacity to 1.80VPC @ 25°C (77°F) | 100 Ah | 170 Ah |
| 8 hr Capacity to 1.75VPC @ 25°C (77°F) | 100 Ah | 168 Ah |
| Float Voltage at 20°C (68°F) / 25°C (77°F) | 2.28 / 2.27 VPC | 2.28 / 2.27 VPC |
| Impedance (1kHz) | 5.6 | 3.5 |
| Short Circuit Current | 2210 A | 3500 A |
| Maximum Charge Current | No Limit | No Limit |
| Nominal Voltage | 12 V | 12 V |
| | | |

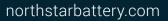




NSB 190FT BLUE+

NSB 210FT BLUE+

| Height | 12.4 in (316 mm) | 12.9 in (328 mm)) |
|--|--------------------|--------------------|
| Width | 4.9 in (125 mm) | 4.96 in (126 mm) |
| Length | 22.1 in (561 mm) | 22.0 in (560 mm) |
| Weight | 132 lbs (60 kg) | 139 lbs (63 kg) |
| Terminal | Male M6 | Male M6 |
| Terminal Torque | 9.0 Nm (81 in-lbs) | 9.0 Nm (80 in-lbs) |
| 10 hr Capacity to 1.80VPC @ 25°C (77°F) | 183 Ah | 200 Ah |
| 8 hr Capacity to 1.75VPC @ 25°C (77°F) | 180 Ah | 198 Ah |
| Float Voltage at 20°C (68°F) / 25°C (77°F) | 2.28 / 2.27 VPC | 2.28 / 2.27 VPC |
| Impedance (1kHz) | 3.3 | 3.3 |
| Short Circuit Current | 3990 A | 3800 A |
| Maximum Charge Current | No Limit | No Limit |
| Nominal Voltage | 12 V | 12 V |





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EnerSys World Headquarters

2366 Bernville Road, Reading, PA 19605, USA Tel: +1-610-208-1991 +1-800-538-3627 EnerSys EMEA

EH Europe GmbH Baarerstrasse 18 6300 Zug Switzerland EnerSys APAC

No. 85, Tuas Avenue 1 Singapore 639518 Tel: +65 6558 7333