

NSB BLUE+ Battery[®]

Thin Plate Lead Carbon



The NSB BLUE+ Battery[®] delivers ultra fast recharge and exceptional PSoC cycling performance.



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 100FT BLUE+

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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