

BLUE+ Battery[®]

AGM Thin Plate Lead



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



The 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 68°F (20°C)
- Ultra fast recharge
- Shelf life of up to 24 months
- High potential fuel savings when used with hybrid genset applications
- Operating temperature range -40°F to 122°F (-40°C to +50°C)
- 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.
- Approved as non-hazardous cargo for ground, sea, and air transport
- Non-halogenated thermally sealed plastic casing
- Built-in intelligence via optional EnVision™ Connect system monitor
- All NorthStar batteries are designed to comply with Telcordia SR-4228, IEC 60896, Bellcore GR-63-CORE standards, and are UL approved and UN2800 certified. EnerSys is certified to ISO 9001 and ISO 14001 standards.

	NSB 100FT BLUE+	NSB 190FT BLUE+ ⁽¹⁾	NSB 210FT BLUE+ ⁽¹⁾
Height	11.3 in (288 mm)	12.4 in (316 mm)	13.02 in (331 mm)
Width	4.3 in (108 mm)	4.9 in (125 mm)	4.96 in (126 mm)
Length	15.6 in (395 mm)	22.1 in (561 mm)	22.0 in (560 mm)
Weight	72 lbs (32.6 kg)	132 lbs (60 kg)	139 lbs (63 kg)
Terminal	Male M6	Male M6	Male M6
Terminal Torque	9.0 Nm (80 in-lbs)	9.0 Nm (80 in-lbs)	9.0 Nm (80 in-lbs)
10 hr Capacity to 1.80VPC @ 77 °F (25 °C)	100 Ah	183 Ah	200 Ah
8 hr Capacity to 1.75VPC @ 77 °F (25 °C)	100 Ah	180 Ah	198 Ah
Float Voltage at 68° F (20 °C) / 77° F (25 °C)	2.28 / 2.27 VPC	2.28 / 2.27 VPC	2.28 / 2.27 VPC
Impedance (1kHz)	5.6	3.2	3.3
Short Circuit Current	2210 A	3990 A	3800 A
Maximum Charge Current	No Limit	No Limit	No Limit
Nominal Voltage	12 V	12 V	12 V

Note: ⁽¹⁾ Compatible with the EnVision™ Connect system monitor.



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