



SPS M180B Blue+ Battery®

Ideal for demanding marine PSOC cycling applications



The proven benefits of **Blue Star Technology®** now enhanced to deliver extended battery life in Partial State Of Charge (PSOC) applications

- + Exceptional power in a compact and versatile package
- + Ideal for demanding marine applications where charging is often to less than 100 State Of Charge (SOC)
- + High cycle life and fast recharge performance
- + Thin Plate Pure Lead (TPPL) technology results in longer battery life without compromising power and performance
- + Modified electrochemistry helps prevent accumulation of life-shortening and power-robbing sulphate crystals
- + Higher charge voltage - Faster charging
- + Operating temperature range -40°C to +65°C
- + High modulus Polyphenylene Oxide (PPO) plastic materials designed to withstand extended elevated operating temperatures
 - Non-halogenated, thermally sealed plastic casing
 - Flame retardant (UL 94 V0) and LOI of at least 28%
- + Partial State of Charge (PSOC) cycling technology

Stationary Power Systems | SPS

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Technical Specifications



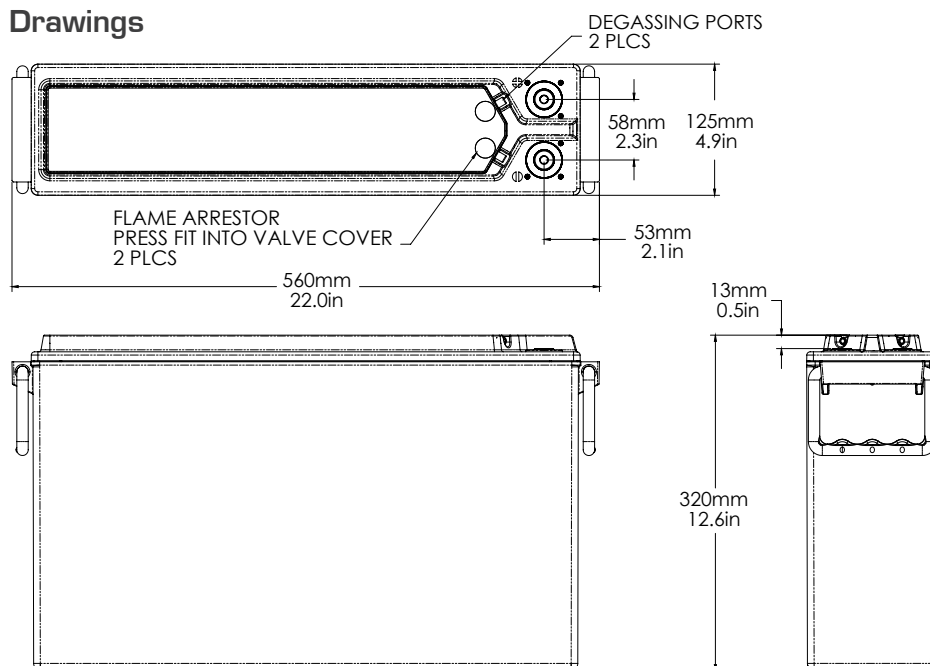
Electrical

20 hour Capacity to 1.75 VPC @ 25°C (77°F)	181 Amp/Hour
Reserve Minutes	390
Bulk Charge Voltage	14.8v @ 25°C (77°F)
Float Charge Voltage	13.6v @ 25°C (77°F)
Cold Cranking Amps (CCA)	1250
Impedance (1kHz)	2.1 mΩ @ 25°C (77°F)
Conductance	2,380
Short Circuit Current	6,000 A
Maximum Charge Current	no limit

Dimensions

Height	320 mm [12.6 in]	Weight	60 kg [132 lbs]
Width	125 mm [4.9 in]	Terminal	Female M8 x 1.25
Depth	560 mm [22.0 in]	Terminal Torque	8.0 Nm [71 in-lbs]

Drawings



All NorthStar batteries are compliant with: Telcordia SR4228, Bellcore GR-63-Core, Issue 1; British, German, and Russian telecom standards; UL approved. NorthStar is registered to ISO 9001 and ISO 14001.

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