PTX20BS-FS 270 CCA 
12V 18AH @ 10-hr.
Factory Activated AGM Powersport Battery
Super Sport Series

TERMINALS: (mm)

Dimensions: inch (mm)

L: 6.89 (175)
W: 3.43 (87)
H: 6.10 (155)

Tolerances are +/- 0.04 in. (+/- 1mm) and +/- 0.08 in. (+/- 2mm) for height dimensions. All data subject to change without notice.

GLOBAL HEADQUARTERS (USA AND INTERNATIONAL EXCLUDING EMEA)
Power-Sonic Corporation
365 Cabela Dr Suite 300,
Reno, Nevada 89523
USA
T: +1 619 661 2020
E: customer-service@power-sonic.com

POWER-SONIC EMEA 
(EMEA – EUROPE, MIDDLE EAST AND AFRICA)
Smitspol 4, 3861 RS Nijkerk,
The Netherlands
T NL: +31 33 7410 700
T UK: +44 1268 560 686
T FR: +33 344 32 18 17
E: salesEMEA@power-sonic.com

To ensure safe and efficient operation always refer to the latest edition of our Technical Manual, as published on our website. © 2020 Power-Sonic Corporation. All rights reserved. All trademarks are the property of their respective owners. All data subject to change without notice. E&O.E

FEATUERS
• Factory activated AGM battery
• Exceptional starting power
• Excellent cycle life
• 100% maintenance free
• Highly vibration and impact resistant
• Completely sealed and spill proof
• Suitable for all weather conditions
• No initial acid filling required
• Simply connect your battery and you are ready to go

PERFORMANCE SPECIFICATIONS

Nominal Voltage 12 volts
Rated Capacity
10-hr. (1.80A) 18.00 AH
5-hr. (2.95A) 14.76 AH
2-hr. (6.30A) 12.60 AH
1-hr. (10.80A) 10.80 AH
0.5-hr. (19.44A) 9.72 AH
Cold Cranking Amps (CCA) 270
Cranking Amps (CA) 350
Approximate Battery Weight (with acid) 13.05 lbs. (5.92 kg)
Approximate Electrolyte Weight 2.66 lbs. (1.21 kg)
Self Discharge (77°F (25°C)) Approximately 3% per month
The Effect of Temperature on Capacity
104 °F (40°C) 106%
77 °F (25°C) 100%
32 °F (0°C) 86%
5 °F (-15°C) 65%
Case ABS Plastic
Recommended Charger Please contact Power Sonic
**CHARGING**

**Constant Voltage Charge:** Apply constant voltage charge at 14.4 V - 15.0 V at 77°F (25°C). Initial charging current should be set at less than 5.4 Amps. Charging time 15 - 18 hours.

**Constant Current Charge:** Charging current 0.1C=1.80 Amps, when charging voltage up to 14.4 V, continue to charge 4 hours.

**“Float” or “Stand-By” Charge:** Apply constant voltage charge of 13.5 V - 13.8 V at 77°F (25°C). When held at this voltage, the battery will seek its own current level and maintain itself in a fully charged condition.

**Temperature Compensation:** Charging voltage should be regulated in relation to ambient temperature. As temperature rises charging voltage should be reduced to prevent overcharge and increased as temperature falls to avoid undercharge.

For further charging information including temperature compensation factors, see Power Sonic Technical Manual/Power Sonic Charger specifications.

**CHARGERS**

Power Sonic offers a wide range of chargers suitable for batteries with a variety of capacities.

Please refer to our website for more information on our switch mode and transformer type chargers.

Please contact our technical department for advice if you have difficulty in locating a suitable charger.

**FURTHER INFORMATION**

Please refer to our website [www.power-sonic.com](http://www.power-sonic.com) for a complete range of useful downloads, such as product catalogs, material safety data sheets (MSDS), ISO certification, etc.