

PowerStar

Sealed Maintenance Free Battery for Motorcycle

Industrial Batteries, State of the Art Technology

- FEATURE
- High capacity ,Long life

• Sealing structure of PP materials

• High CCA and good starting performance

• maintenance-free design

• Low self-discharge

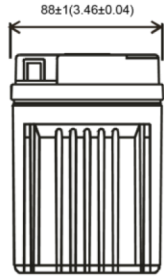
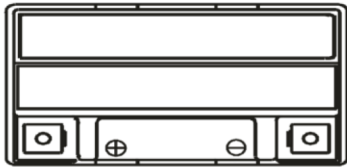
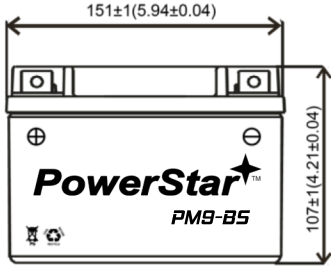
• C.O.S Application

PM9-BS

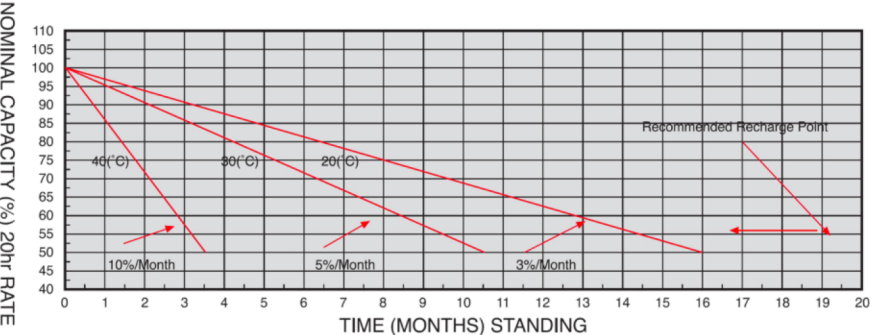
SPECIFICATION

|                       |                                  |
|-----------------------|----------------------------------|
| Cell per unit         | 6                                |
| Nominal Voltage (V)   | 12                               |
| Nominal Capacity (Ah) | 8Ah @ 10hour rate F.V(1.75/cell) |
| Weight                | Approx2.81kg(6.19Lbs.)           |
| Polarity:             |                                  |
| Acid Volume:          | 612 grams                        |
| Charge Current :      | 0.8 Amps                         |
| C.C.A.-18℃:           | 120                              |

| DIMENSIONS | Length    | Width     | Height    |
|------------|-----------|-----------|-----------|
| Unit: mm   | 151±1     | 88±1      | 107±1     |
| Unit: inch | 5.94±0.04 | 3.46±0.04 | 4.21±0.04 |



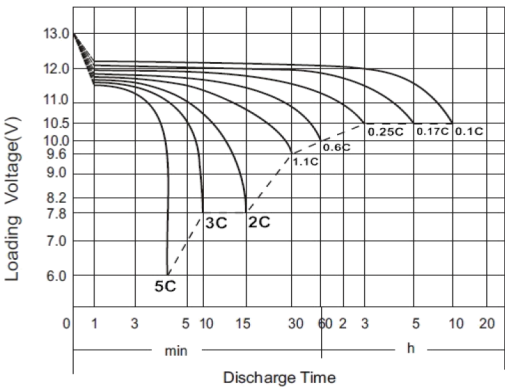
SELF DISCHARGE AND CAPACITY OF AGM BATTERIES



| CAPACITY | VOLTAGE           |
|----------|-------------------|
| 100%     | V > 13.0V         |
| 90%      | 12.80 < V < 13.00 |
| 80%      | 12.65 < V < 12.80 |
| 70%      | 12.50 < V < 12.65 |
| 60%      | 12.35 < V < 12.50 |
| 50%      | 12.20 < V < 12.35 |
| 40%      | 12.05 < V < 12.20 |
| 30%      | 11.90 < V < 12.05 |
| 20%      | 11.75 < V < 11.90 |
| 10%      | 11.60 < V < 11.75 |

DISCHARGE CHARACTERISTICS

Discharge Characteristics



CHARGING METHODS

CHARGING METHODS

|                 |  |
|-----------------|--|
| Full Charge     | <b>Constant-Voltage Charge:</b><br>Initial charging current: less than 0.3C<br>Voltage: 14.40 V ~ 15.00 V at 25℃ (77 °F)<br>Charging time: 15 ~18h |
|                 | <b>Constant-Current Charge:</b><br>Charging current: 0.1C, when charging voltage up to 14.40V, continue to charge 4h                               |
| Floating Charge | No limit on Initial charging current<br>Voltage: 13.50 V ~ 13.80 V at 25℃ (77 °F)  |

