

## GS Series

batteries have been developed from decades experience of manufacturing to meet various general-purpose and commercial applications. The batteries are AGM technology based products and complied with IEC61056-1/2 and IEC60896-21/22. GS Series batteries are in compact size with sealed maintenance-free design, quite flexible for multi-positioning installation and portable handling. The batteries could be applied for many civil applications, lamp and lantern, electric toys, power tools, civil or commercial UPS systems, emergency lights, security system, sound devices, etc... Compacted size and portable handling enable the batteries to be widely using in civil and mobile purpose.

### Feature assortment

- ◆ Innovated technology of battery plate formula designed for Deep Discharge.
- ◆ Outstanding re-charge acceptability after deep discharged.
- ◆ Extreme low self-discharge, low internal resistance and low internal pressure.
- ◆ Long Life - Assembly using thicker plate with special chemical formation.

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Voltage: 4V, 6V, 8V, 12V, 24V  
Capacity: 0.8Ah - 30Ah @20Hr



| GEM Battery<br>GS Series | Voltage<br>(V) | Capacity<br>(AH/20HR) | Dimension (mm) |              |              |               | Weight<br>±3% (kgs) |
|--------------------------|----------------|-----------------------|----------------|--------------|--------------|---------------|---------------------|
|                          |                |                       | ±1<br>L (mm)   | ±1<br>W (mm) | ±2<br>H (mm) | ±2<br>TH (mm) |                     |
| GS 4-4.5                 | 4              | 4.5                   | 48             | 48           | 102          | 108           | 0.50                |
| GS 8-3.2                 | 8              | 3.2                   | 134            | 36           | 63           | 69            | 0.80                |
| GS 24-4                  | 24             | 4                     | 97             | 24           | 52           | 58            | 2.40                |
| GS 6-1.3                 | 6              | 1.3                   | 97             | 24           | 52           | 58            | 0.27                |
| GS 6-2.3                 | 6              | 2.3                   | 43             | 37           | 76           | 76            | 0.30                |
| GS 6-2.8                 | 6              | 2.8                   | 66             | 33           | 97           | 104           | 0.50                |
| GS 6-3.2                 | 6              | 3.2                   | 125            | 33           | 61           | 67            | 0.62                |
| GS 6-3.3                 | 6              | 3.3                   | 134            | 35           | 61           | 67            | 0.63                |
| GS 6-4.5                 | 6              | 4.5                   | 70             | 47           | 101          | 107           | 0.80                |
| GS 6-7                   | 6              | 7                     | 151            | 34           | 94           | 100           | 1.15                |
| GS 6-9                   | 6              | 9                     | 151            | 34           | 94           | 100           | 1.30                |
| GS 6-12                  | 6              | 12                    | 151            | 50           | 94           | 100           | 1.75                |
| GS 6-14                  | 6              | 14                    | 108            | 71           | 140          | 140           | 2.10                |
| GS 12-0.8                | 12             | 0.8                   | 96             | 25           | 62           | 62            | 0.30                |
| GS 12-1.3                | 12             | 1.3                   | 97             | 43           | 52           | 58            | 0.55                |
| GS 12-2.2                | 12             | 2.2                   | 70             | 43           | 99           | 102           | 0.76                |
| GS 12-2.3                | 12             | 2.3                   | 179            | 35           | 61           | 66            | 0.92                |
| GS 12-2.7                | 12             | 2.7                   | 80             | 56           | 99           | 103           | 1.20                |
| GS 12-2.8                | 12             | 2.8                   | 132            | 33           | 98           | 104           | 1.00                |
| GS 12-3.3                | 12             | 3.3                   | 134            | 67           | 61           | 66            | 1.30                |
| GS 12-4                  | 12             | 4                     | 90             | 70           | 101          | 105           | 1.43                |
| GS 12-4.5                | 12             | 4.5                   | 90             | 70           | 101          | 105           | 1.48                |
| GS 12-5                  | 12             | 5                     | 90             | 70           | 101          | 105           | 1.67                |
| GS 12-5 HR**             | 12             | 5                     | 90             | 70           | 101          | 105           | 1.80                |
| GS 12-6S HR**            | 12             | 6                     | 151            | 51           | 94           | 98            | 1.85                |
| GS 12-7                  | 12             | 7                     | 151            | 65           | 94           | 98            | 2.10                |
| GS 12-7.2                | 12             | 7.2                   | 151            | 65           | 94           | 98            | 2.20                |
| GS 12-7.5                | 12             | 7.5                   | 151            | 65           | 94           | 98            | 2.28                |
| GS 12-8                  | 12             | 8                     | 151            | 65           | 94           | 98            | 2.38                |
| GS 12-9                  | 12             | 9                     | 151            | 65           | 94           | 98            | 2.50                |
| GS 12-9 HR**             | 12             | 9                     | 151            | 65           | 94           | 98            | 2.68                |
| GS 12-10                 | 12             | 10                    | 151            | 65           | 110          | 115           | 3.10                |
| GS 12-12                 | 12             | 12                    | 151            | 98           | 94           | 98            | 3.37                |
| GS 12-12A                | 12             | 13                    | 151            | 98           | 94           | 98            | 3.65                |
| GS 12-17                 | 12             | 17                    | 181            | 77           | 167          | 167           | 5.00                |
| GS 12-18                 | 12             | 18                    | 181            | 77           | 167          | 167           | 5.30                |
| GS 12-20                 | 12             | 20                    | 181            | 75           | 167          | 167           | 5.50                |
| GS 12-22 HR**            | 12             | 22                    | 181            | 77           | 167          | 167           | 6.10                |
| GS 12-28L                | 12             | 28                    | 165            | 125          | 174          | 174           | 8.10                |
| GS 12-26                 | 12             | 26                    | 175            | 166          | 125          | 125           | 7.60                |
| GS 12-28                 | 12             | 28                    | 175            | 166          | 125          | 125           | 7.90                |
| GS 12-30                 | 12             | 30                    | 175            | 166          | 125          | 125           | 8.10                |
| GS 12-30 HR**            | 12             | 30                    | 175            | 166          | 125          | 125           | 8.60                |

\* Please contact GEM Battery sales rep to get latest updating model list of the batteries.