



CELEBRATING 40 YEARS  
OF INNOVATION

**POWER *PS* SONIC**

# RECHARGEABLE VRLA BATTERIES POWER-GEL SERIES™



## Features

- **Dependable Performance** - Thixotropic gel electrolyte for enhanced performance and superior capabilities.
- **Compact Design** - Power/volume ratio yielding unrivaled energy density.
- **Maintenance-Free, Non-Spillable** - Proven VRLA technology guarantees safe operation without maintenance and 'non-restricted article' status for transportation. CE compliant.
- **Rugged Construction & Handles** - ABS plastic (UL94-HB) case and cover and integral carrying handles.
- **Designed-In Reliability** - Valve regulated, spill proof construction allows safe operation in any position. Cutting-edge manufacturing and process control combined with meticulous quality assurance procedures guarantee consistent and dependable performance. U.L. recognized - MH 20845.

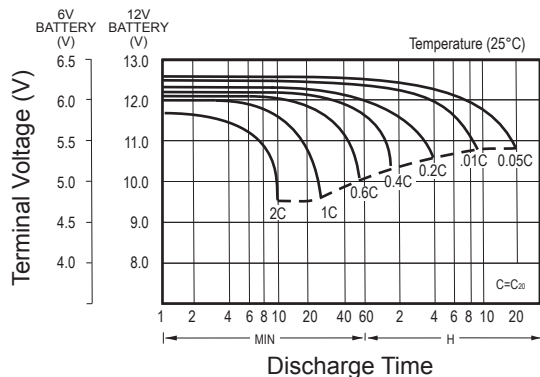


**We've Got The Power.™**

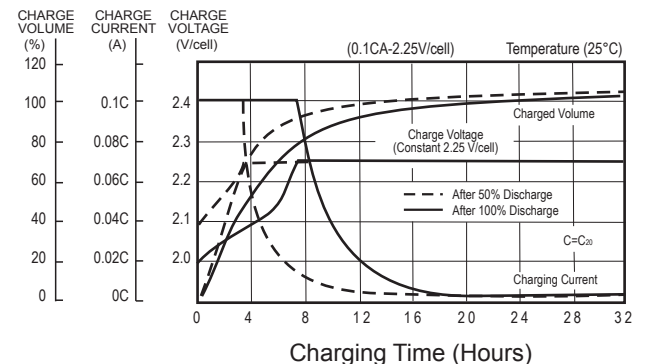
# DCG Series - Power-Gel Long Life Batteries

| Model     | Nominal Voltage | Rated Capacity (AH) |            |            |            | Approx. Dimension |       |       |      |        |       |              |       | Approx. Weight |     | Terminal Type |
|-----------|-----------------|---------------------|------------|------------|------------|-------------------|-------|-------|------|--------|-------|--------------|-------|----------------|-----|---------------|
|           |                 | 20HR                | 10HR       | 5HR        | 1HR        | Length            |       | Width |      | Height |       | Total Height |       |                |     |               |
|           |                 | 1.80V/cell          | 1.80V/cell | 1.75V/cell | 1.60V/cell | mm                | in.   | mm    | in.  | mm     | in.   | mm           | in.   | kg             | lbs |               |
| DCG12-24  | 12              | 24                  | 22         | 19         | 13         | 166               | 6.56  | 175   | 6.89 | 125    | 4.92  | 125          | 4.92  | 8.8            | 19  | T12           |
| DCG12-26  | 12              | 26                  | 24         | 21         | 14         | 167               | 6.56  | 175   | 6.89 | 125    | 4.92  | 125          | 4.92  | 9.0            | 20  | T12           |
| DCG12-32  | 12              | 32                  | 28         | 25         | 17         | 195               | 7.68  | 130   | 5.12 | 164    | 6.46  | 180          | 7.09  | 10.7           | 24  | T6 or U       |
| DCG12-38  | 12              | 38                  | 35         | 30         | 21         | 197               | 7.76  | 165   | 6.50 | 170    | 6.69  | 170          | 6.69  | 13.5           | 30  | T6 or U       |
| DCG12-50  | 12              | 50                  | 47         | 40         | 28         | 230               | 9.04  | 138   | 5.45 | 210    | 8.27  | 220          | 8.66  | 16.7           | 37  | T6 or U       |
| DCG12-70  | 12              | 70                  | 65         | 56         | 39         | 260               | 10.24 | 168   | 6.61 | 210    | 8.27  | 228          | 8.98  | 23.0           | 51  | T6 or U       |
| DCG12-85  | 12              | 85                  | 78         | 68         | 47         | 306               | 12.05 | 168   | 6.61 | 210    | 8.27  | 213          | 8.38  | 27.1           | 60  | T6            |
| DCG12-100 | 12              | 100                 | 93         | 80         | 55         | 330               | 12.99 | 173   | 6.81 | 212    | 8.35  | 220          | 8.66  | 31.0           | 68  | T11           |
| DCG12-110 | 12              | 110                 | 102        | 88         | 61         | 410               | 16.14 | 177   | 6.97 | 225    | 8.86  | 225          | 8.86  | 36.0           | 79  | T11           |
| DCG12-125 | 12              | 125                 | 121        | 104        | 72         | 344               | 13.54 | 171   | 6.73 | 274    | 10.79 | 280          | 11.02 | 47.3           | 103 | T11           |
| DCG12-140 | 12              | 140                 | 126        | 108        | 74         | 485               | 19.09 | 170   | 6.69 | 240    | 9.45  | 240          | 9.45  | 44.2           | 97  | T11           |
| DCG12-200 | 12              | 200                 | 186        | 160        | 110        | 522               | 20.55 | 240   | 9.45 | 218    | 8.58  | 224          | 8.82  | 62.9           | 138 | T11           |

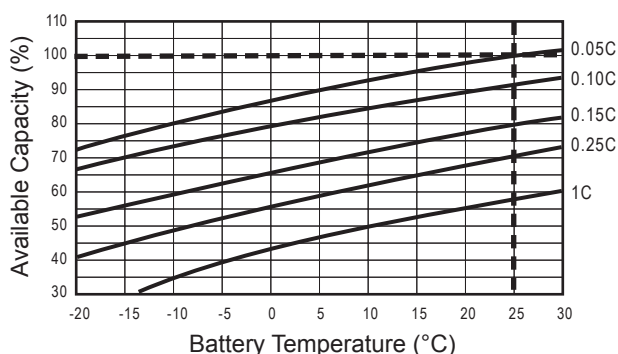
## Discharge Characteristics



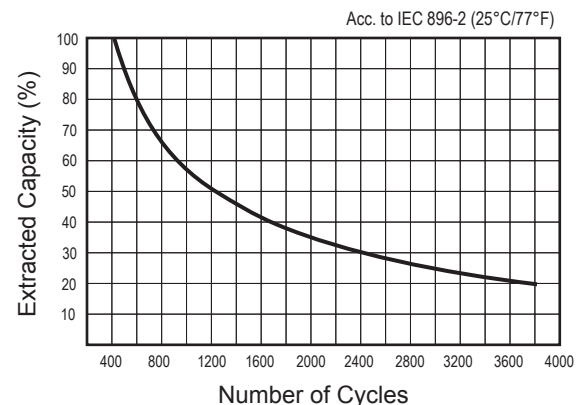
## Float Charging Characteristics



## Temperature Effects in Relation to Capacity



## Cycle Life in Relation to Depth of Discharge



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