

| CAPACITY TO 1.75VPC @ 20°C |      |
|----------------------------|------|
| AH (5hr)                   | 61.9 |
| Ah (10hr)                  | 72.0 |
| Ah (20hr)                  | 80.0 |

DENKA EVO GEL (DEG) Range of batteries have been formulated to give the very best in Deep Cycle Performance and Longevity.



| DIMENSIONS            |             |        |
|-----------------------|-------------|--------|
|                       | Imperial    | Metric |
|                       | Inches      | mm     |
| Length                | 10.2        | 259    |
| Width                 | 6.55        | 168    |
| Total Height          | 8.5         | 215    |
|                       | lbs         | Kg     |
| Weight                | 61.6        | 28     |
| ELECTRICAL PROPERTIES |             |        |
| CCA @ -18°C           | 460 Amps    |        |
| Short Circuit Voltage | 2400 Amps   |        |
| Internal Resistance   | 0.0045 Ohms |        |

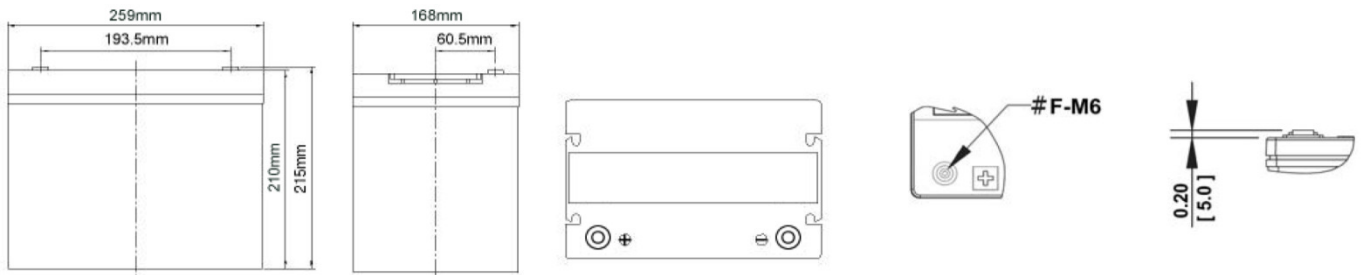
**Features**

- Excellent Deep Cycle Ability
- Spill Proof and Leak Proof (No Transport Restrictions)
- Vacuum Filled thixotropic GEL Electrolyte
- Heavy Duty Thick Positive Plates
- 12 Year Design Life (in float applications)
- Up to 1000 Cycles @ 80% D.O.D

**Applications include :**

- Mobility
- Solar /Photovoltaic
- Golf
- Marine
- Wind Generation
- Telecommunication
- Industrial
- and many others

**PRODUCT DIAGRAM**



|                                   |                                                                                                                                              |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Operating Temperature Range       | : -40°C to 60°C                                                                                                                              |
| Ideal Operating Temperature Range | : 20°C to 25°C                                                                                                                               |
| Float Charging Voltage            | : 13.5V to 13.8V DC / Unit @ 25°C                                                                                                            |
| Cycle Service Charging Voltage    | : 14.1V to 14.4V DC / Unit @ 25°C                                                                                                            |
| Maximum Charging Current Limit    | : 0.25C20 Amps (20Amps @100% Depth of Discharge) @20hr rate                                                                                  |
| Self Discharge                    | : DEG Series may be stored for up to 24 months @ 20°C, then a refresh charge required<br>: For higher temperatures , storage time is reduced |
| Terminal                          | : Threaded Copper Alloy Insert Terminal (9Nm tightening)                                                                                     |
| Electrolyte                       | : Sulfuric Thixotropic gel                                                                                                                   |
| Container                         | : Reinforced ABS (UL V-0 available on request)                                                                                               |

| Constant Power Discharge Ratings - Watts Per Cell (wpc) @ 20°C |              |       |       |       |       |       |       |       |      |      |
|----------------------------------------------------------------|--------------|-------|-------|-------|-------|-------|-------|-------|------|------|
| End Point<br>Volts/Cell                                        | Time (hours) |       |       |       |       |       |       |       |      |      |
|                                                                | 1.5          | 2     | 3     | 4     | 5     | 8     | 10    | 12    | 20   | 24   |
| 1.85                                                           | 55.20        | 46.80 | 33.90 | 27.00 | 22.50 | 15.80 | 13.00 | 11.20 | 7.32 | 6.33 |
| 1.80                                                           | 29.00        | 49.20 | 35.80 | 28.40 | 23.70 | 16.60 | 13.80 | 11.80 | 7.80 | 6.66 |
| 1.75                                                           | 59.30        | 50.50 | 36.60 | 29.00 | 24.10 | 16.90 | 14.20 | 12.10 | 7.95 | 6.72 |

| Constant Current Discharge Ratings - Amperes @ 20°C |              |       |       |       |       |      |      |      |      |      |
|-----------------------------------------------------|--------------|-------|-------|-------|-------|------|------|------|------|------|
| End Point<br>Volts/Cell                             | Time (hours) |       |       |       |       |      |      |      |      |      |
|                                                     | 1.5          | 2     | 3     | 4     | 5     | 8    | 10   | 12   | 20   | 24   |
| 1.85                                                | 28.70        | 24.20 | 17.40 | 13.70 | 11.40 | 7.90 | 6.60 | 5.60 | 3.60 | 3.10 |
| 1.80                                                | 30.50        | 25.60 | 18.50 | 14.60 | 12.10 | 8.40 | 7.00 | 6.00 | 3.90 | 3.30 |
| 1.75                                                | 31.20        | 26.30 | 19.00 | 15.00 | 12.40 | 8.60 | 7.20 | 6.10 | 4.00 | 3.40 |

Specifications are subject to change without notification. E&OE