

# Rolls

**S2-3240GEL**  
2V 3240 AH @C10



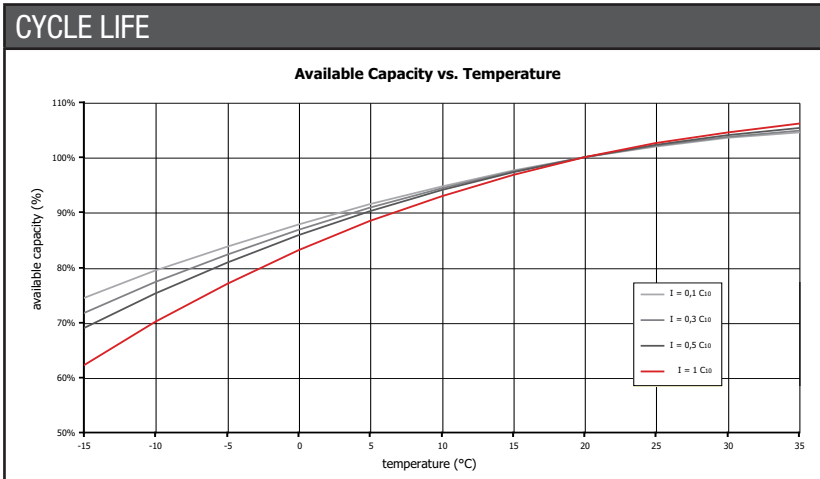
SAI GLOBAL  
ISO 9001  
Quality



## TUBULAR POSITIVE - OPzV - VALVE REGULATED GEL BATTERY

| SPECIFICATIONS                |                                    |                     |
|-------------------------------|------------------------------------|---------------------|
| Nominal Voltage               |                                    | 2 Volt              |
| Rated Capacity (10 hour rate) |                                    | 3240 AH             |
| Dimensions                    | Total Height (including terminals) | 799mm / 31.46"      |
|                               | Length                             | 576mm / 22.68"      |
|                               | Width                              | 212mm / 8.35"       |
|                               | Weight                             | 529.10 lbs / 240 Kg |

| CONSTANT CURRENT DISCHARGE |        |        |       |       |       |       |       |       |       |
|----------------------------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| CUT OFF VOLTAGE V/CELL     | 30 min | 1HR    | 2HR   | 3HR   | 4HR   | 5HR   | 6HR   | 8HR   | 10HR  |
| 1.80V                      | 1618.7 | 1318.9 | 971.4 | 774.3 | 645.8 | 555.4 | 488.2 | 395.0 | 324.0 |



| CHARACTERISTICS                              |                                       |         |
|--|---------------------------------------|---------|
| Capacity<br>68°F (20°C)                      | 100 Hour Rate                         | 4402 AH |
|  | 20 Hour Rate                          | 3660 AH |
|  | 10 Hour Rate                          | 3240 AH |
| Internal Resistance                          | Full charged Battery 77°F (20°C)      | 0.11mΩ  |
| Capacity Affected by Temperature (20hr rate) | 104°F (40°C)                          | 105%    |
|  | 77°F (25°C)                           | 100%    |
|  | 32°F (0°C)                            | 89%     |
|  | 5°F (-15°C)                           | 79%     |
| Self-Discharge                               | Less than 2% per month at 68°F (20°C) |         |
| Terminal                                     | M10                                   |         |
| Float Charging Voltage Range                 | 2.25 to 2.3 VDC/unit Average at 25°C  |         |
| Rec. Charge Current                          | 300 Amps                              |         |
| Max Charge Current                           | 900 Amps                              |         |

