

Rolls

S2-I 600GEL
2V 1870 AH @C100

TUBULAR POSITIVE - OPzV - VALVE REGULATED GEL BATTERY



Rolls
BATTERY ENGINEERING
BY SURRETTE BATTERY COMPANY

SAI GLOBAL
ISO 9001
Quality

CONSTANT CURRENT DISCHARGE

| CUT OFF VOLTAGE V/CELL | 30M | 1HR | 2HR | 3HR | 5HR | 6HR | 8HR | 10HR | 20HR |
|------------------------|------|-----|-----|-----|-----|-----|-----|------|------|
| 1.6V | 1388 | 948 | 575 | 413 | 266 | 239 | 182 | 158 | 83 |

SPECIFICATIONS

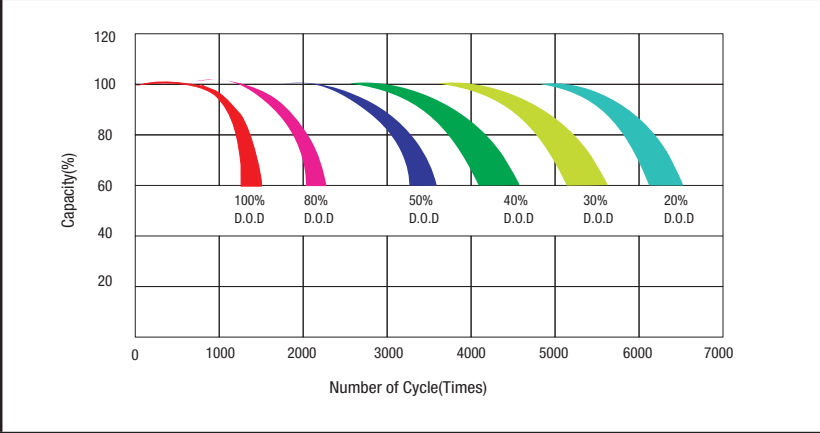
| | | |
|-------------------------------|------------------------------------|-----------------------|
| Nominal Voltage | | 2 Volt |
| Rated Capacity (20 hour rate) | | 1600 AH |
| Dimensions | Total Height (including terminals) | 831mm / 32.72" |
| | Length | 275mm / 10.83" |
| | Width | 210mm / 8.27" |
| | Weight | 242.51 lbs / 110.0 Kg |



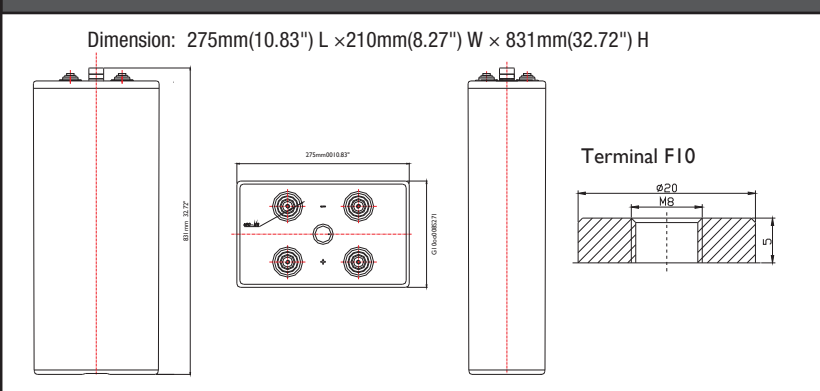
CHARACTERISTICS

| | | |
|---|---------------------------------------|-------------------------------|
| Capacity 77°F (25°C) | 100 Hour Rate | 1870 AH |
| | 20 Hour Rate | 1600 AH |
| | 10 Hour Rate | 1500 AH |
| Internal Resistance | Full charged Battery 77°F (25°C) | 0.23mΩ |
| 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 77°F (25°C) | |
| Max Discharge 77°F (25°C) | 4500A (5s) | |
| Terminal | Standard | Thread insert & Bolt (F10-M8) |
| Float Charging Voltage Range | 2.25 to 2.3 VDC/unit Average at 25°C | |
| Max Charge Current | 300 Amps | |

CYCLE LIFE



SIZE & DETAILED ILLUSTRATION



TEMP EFFECTS ON LIFE AT FLOAT CHARGE

