

# Rolls

**S2-I295GEL**  
2V 1295 AH @C20

**TUBULAR POSITIVE - OPzV - VALVE REGULATED GEL BATTERY**



**CONSTANT CURRENT DISCHARGE**

CUT OFF VOLTAGE V/CELL	30MIN	1HR	2HR	3HR	4HR	6HR	8HR	10HR	20HR
1.75V	936.0	668.4	416.4	302.6	236.4	183.6	142.0	122.4	64.2



**Rolls**

BATTERY ENGINEERING  
BY SURRETTE BATTERY COMPANY

**SPECIFICATIONS**

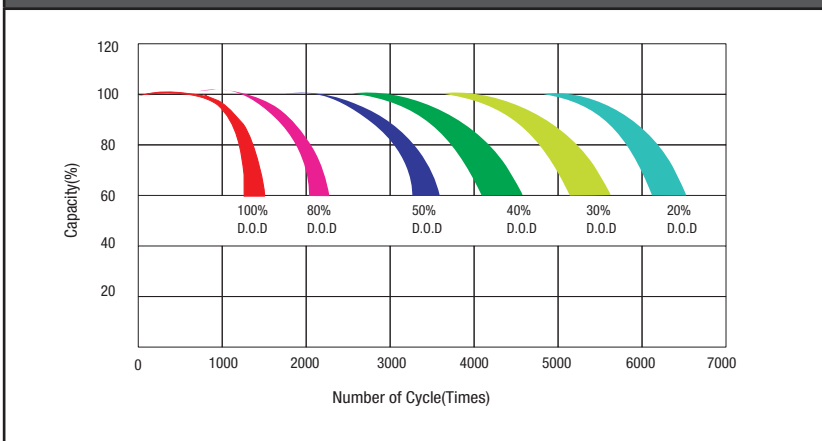
Nominal Voltage		2 Volt
Rated Capacity (20 hour rate)		1295 AH
Dimensions	Total Height (including terminals)	681mm / 26.81"
	Length	275mm / 10.83"
	Width	210mm / 8.27"
	Weight	207.23 lbs / 94 Kg



**CHARACTERISTICS**

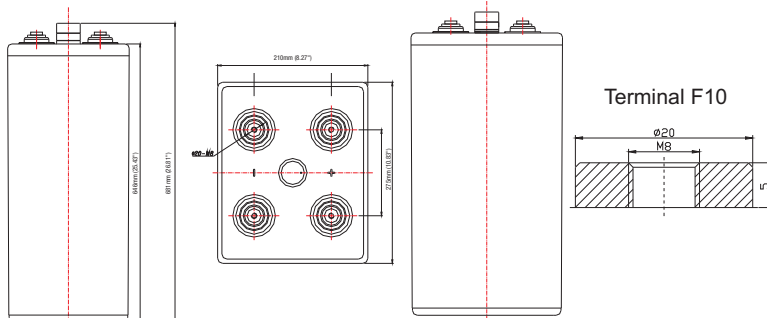
Capacity 77°F (25°C)	100 Hour Rate	1510 AH
	20 Hour Rate	1295 AH
	10 Hour Rate	1200 AH
Internal Resistance	Full charged Battery 77°F (25°C)	0.25mΩ
Capacity Affected by Temperature (20hr rate)	104°F (40°C)	105%
	77°F (25°C)	100%
	32°F (0°C)	89%
	5°F (-15°C)	79%
Self-Discharge	Less than 2% per month at 77°F (25°C)	
Max Discharge 77°F (25°C)	4000A (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	240 Amps	

**CYCLE LIFE**



**SIZE & DETAILED ILLUSTRATION**

Dimension: 275mm (10.83")L x 210mm (8.27")W x 681mm (26.81")H



**TEMP EFFECTS ON LIFE AT FLOAT CHARGE**

