

# Rolls

**S2-2140GEL**  
2V 2140 AH @C20

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



**Rolls**  
BATTERY ENGINEERING  
BY SURRETTE BATTERY COMPANY

CONSTANT CURRENT DISCHARGE									
CUT OFF VOLTAGE V/CELL	30M	1HR	2HR	3HR	5HR	6HR	8HR	10HR	20HR
1.6V	1850	1264	766	550	354	318	243	210	110

SPECIFICATIONS		
Nominal Voltage		2 Volt
Rated Capacity (20 hour rate)		2140 AH
Dimensions	Total Height (including terminals)	807mm / 31.77"
	Length	399mm / 15.71"
	Width	214mm / 8.43"
	Weight	330.69 lbs / 150.0 Kg



CHARACTERISTICS		
Capacity 77°F (25°C)	100 Hour Rate	2490 AH
	20 Hour Rate	2140 AH
	10 Hour Rate	2000 AH
Internal Resistance	Full charged Battery 77°F (25°C)	0.22mΩ
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)	7000A (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	400 Amps	

