

# Rolls

**12 VOLT  
VRLA AGM  
MAINTENANCE FREE  
DEEP CYCLE BATTERY  
RENEWABLE ENERGY - SOLAR**

**Surrette**  
BATTERY COMPANY LIMITED

## SI2-220AE



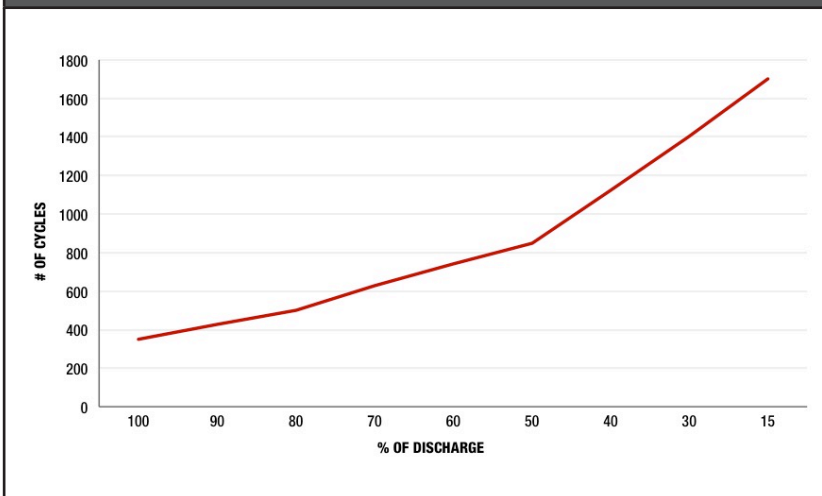
### CONSTANT CURRENT DISCHARGE A (25°C)

CUT OFF VOLTAGE V/CELL	15M	30M	1HR	2HR	3HR	5HR	8HR	10HR	20HR
10.5V	316	190	120	74	50	34	22	18	10.0

### SPECIFICATIONS

Nominal Voltage		12 Volt
Rated Capacity (20 hour rate)		200 Ah
Dimensions	Total Height (including terminal)	9.45" 240mm
	Height	8.43" 214mm
	Length	20.55" 522mm
	Width	9.45" 240mm
Weight		132 lbs 60.0 Kg

### CYCLE LIFE VS. DEPTH OF DISCHARGE



### CHARACTERISTICS

Capacity 77°F (25°C)	100 Hour Rate	220 Ah
	20 Hour Rate	200 Ah
	10 Hour Rate	180 Ah
Internal Resistance	Full charged Battery 77°F (25°C)	4mΩ
Capacity Affected by Temperature (20hr rate)	104°F (40°C)	102%
	77°F (25°C)	100%
	32°F (0°C)	85%
Self Discharge 77°F (25°C)	Capacity after 3 months storage	91%
	Capacity after 6 months storage	82%
	Capacity after 12 months storage	64%
Max Discharge 77°F (25°C)	2000A (5s)	
Terminal	Standard	FLAG - M8
Charging (Constant Voltage)	Cycle	14.6 to 14.8V DC/unit Average at 25°C
	Float	13.6 to 13.8V DC/unit Average at 25°C

### DIMENSIONS & DETAILED ILLUSTRATION

**UNIT: (") mm** Dimension: (20.55")522mm (L) × (9.45")240mm (W) × (9.45")240mm (H including terminal)

