



**12 VOLT
MAINTENANCE FREE
DEEP CYCLE BATTERY**

SI2-I20AE

REV.1

**Rolls AGM 12V Deep Cycle
Sealed Maintenance Free AGM Battery**



CONSTANT CURRENT DISCHARGE (AMPS)									
CUT OFF VOLTAGE V/CELL	15M	30M	1HR	2HR	3HR	5HR	8HR	10HR	20HR
10.5V	166.5	107.1	63.5	38.0	26.5	17.6	12.12	10.2	5.5

SPECIFICATIONS		
Nominal Voltage	12 Volt	
Rated Capacity (20 hour rate)	110 Ah	
Dimensions	Total Height (including terminals)	222mm
	Height	217mm
	Length	328mm
	Width	172mm
Weight	30.0 Kg	

CHARACTERISTICS		
Capacity 77°F (25°C)	100 Hour Rate	120 Ah
	20 Hour Rate	110 Ah
	10 Hour Rate	102 Ah
Internal Resistance	Full charged Battery 77°F (25°C)	5mΩ
Capacity Affected by Temperature (20hr rate)	104°F (40°C)	107%
	77°F (25°C)	100%
	32°F (0°C)	76%
Self Discharge 77°F (25°C)	5°F (-15°C)	56%
	Capacity after 3 month storage	91%
	Capacity after 6 month storage	82%
Max Discharge 77°F (25°C)	Capacity after 12 month storage	50%
	1000A (5s)	
Terminal	Standard	F12 (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

