



S12-200GEL
12V 200 AH @C20

VALVE REGULATED GEL BATTERY

Providing a 12 year expected life in float applications, the S12-200GEL is ideal for both standby or frequent cyclic discharge applications under extreme environments. Using a strong grid design and gel electrolyte, the Rolls GEL Series offers excellent recovery after deep discharge under frequent cyclic discharge use and can deliver 400 cycles at 100% DOD. Suitable for renewable energy, marine, RV and deep discharge UPS and telecommunication, etc.



CONSTANT CURRENT DISCHARGE									
CUT OFF VOLTAGE V/CELL	30M	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
10.5V	177.9	113.9	68.62	50.01	39.79	30.8	22.75	17.6	10.0

SPECIFICATIONS		
Nominal Voltage		12 Volt
Rated Capacity (20 hour rate)		200 AH
Dimensions	Total Height (including terminals)	223mm / 8.78"
	Length	522mm / 20.55"
	Width	240mm / 9.44"
	Weight	127.5 lbs / 58.0 Kg



CHARACTERISTICS		
Capacity 77°F (25°C)	100 Hour Rate	230 AH
	10 Hour Rate	176 AH
	5 Hour Rate	154 AH
Internal Resistance	Full charged Battery 77°F (25°C)	5.2 mΩ
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 3% per month at 77°F (25°C)	
Max Discharge 77°F (25°C)	2000A (5s)	
Terminal Standard	F10	
Float Charging Voltage Range	13.7 V at 25°C (77°F)	
Equalization & Cycle	14.3 V at 25°C (77°F)	
Max Charge Current	40 Amps	

