



**S12-120GEL**  
12V 120 AH @C20

**VALVE REGULATED GEL BATTERY**

Providing a 12 year expected life in float applications, the S12-120GEL 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	106.7	68.35	41.17	30	23.87	20.17	13.65	11.28	6

SPECIFICATIONS		
Nominal Voltage		12 Volt
Rated Capacity (20 hour rate)		120AH
Dimensions	Total Height (including terminals)	225mm / 8.86"
	Length	407mm / 16.02"
	Width	177mm / 6.97"
	Weight	78.2 lbs / 35.3 Kg



CHARACTERISTICS		
Capacity 77°F (25°C)	20 Hour Rate	120 AH
	10 Hour Rate	112AH
Internal Resistance	Full charged Battery 77°F (25°C)	5.25mΩ
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 3% per month at 77°F (25°C)	
Max Discharge 77°F (25°C)	1200A (5s)	
Terminal Standard	F5 / F12	
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	24 Amps	

