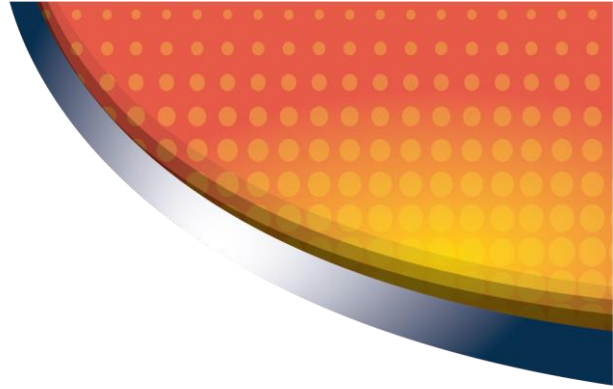




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# 100AH GENERAL PURPOSE GEL VRLA BATTERY

## SYN-SYSCG12-100



### TECHNICAL SPECIFICATIONS

Size:	346mm x 188mm x 286mm	
Weight	G29.2kg N29.7kg	
Normal Voltage	12V(6 cells per unit)	
Design Floating Life @25°C	12 years	
Nominal Capacity @25°C (10 hour rate@10.0A,10.80V)	100Ah	
Capacity @25°C	20 hour rate (10.70A,10.5V)	107.0Ah
	5 hour rate (35.2, 10.5V)	88.0Ah
	1 hour rate (127.6A,9.6V)	63.8Ah
Internal Resistance	Full Charged Battery@25°C	<5.5Ω
Ambient Temperature	Discharge	-30°C - 60°C
	Charge	-30°C - 60°C
	Storage	-30°C - 60°C
Max Discharge Current @25°C	900A(5s)	
Capacity affected by Temperature (10hr Capacity)	40°C	108%
	25°C	100%
	0°C	90%
	-15°C	70%
Charge (Constant @25°C Voltage)	Standby	Initial Charging Current Less than 25A Voltage ge 13.6 - 13.8V
	Cycle Use	Initial Charging Current Less than 25A Voltage ge 14.4 - 14.9V



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