



SE12120

12V 12AH



**Sealed Rechargeable  
Lead Acid (VRLA / SMF) Battery**

**SPECIFICATIONS**

**Dimensions and Weight**

Length	(mm / inch)	151 / 5.94
Width	(mm / inch)	98 / 3.86
Height	(mm / inch)	95 / 3.74
Total Height	(mm / inch)	101 / 3.98
Weight	(Kg / lbs)	3.9 / 8.6

**Performance Characteristics**

Nominal Voltage	12V
Number of cell	6
Design Life	3~5 years
<b>Nominal Capacity 25oC</b>	
20 hour rate (0.6A, 10.5V)	12Ah
10 hour rate (1.14A, 10.5V)	11.4Ah
5 hour rate (2.05A, 10.5V)	10.25Ah
1 hour rate (8.14A, 9.6V)	8.14Ah
Internal Resistance	
Fully Charged battery 25oC	17mOhms
Self-Discharge	
3% of capacity declined per month at 20oC	
Operating Temperature Range	
Discharge	-20~60oC
Charge	-10~60oC
Storage	-20~60oC
Max. Discharge Current 25oC	180A (5s)
Short Circuit Current	600A
Charge Methods : Constant Voltage Charge 25oC	
Cycle use	14.5-14.9V
Maximum charging current	4.8A
Temperature compensation	-30mV/oC
Standby use	13.6-13.8V
Temperature compensation	-20mV/oC

Manfrs :

**SEALED ENERGY SYSTEMS**

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