

SE682

6V 8.0AH



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

**SPECIFICATIONS**

**Dimensions and Weight**

Length	(mm / inch)	98 / 3.86
Width	(mm / inch)	56 / 2.20
Height	(mm / inch)	117 / 4.61
Total Height	(mm / inch)	117 / 4.61
Weight	(Kg / lbs)	1.8 / 3.97

**Performance Characteristics**

Nominal Voltage	6V
Number of cell	3
Design Life	3~5 years

**Nominal Capacity 77oC**

20 hour rate (0.4A, 5.25V)	8Ah
10 hour rate (0.78A, 5.25V)	7.8Ah
5 hour rate (1.46A, 5.25V)	7.3Ah
1 hour rate (5.6A, 4.8V)	5.6Ah

Internal Resistance	
Fully Charged battery 25oC	130Ohms

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	120A (5s)
-----------------------------	-----------

Short Circuit Current	400A
-----------------------	------

Charge Methods : Constant Voltage Charge (25oC)	
Cycle use	7.25-7.45V
Maximum charging current	3.2A
Temperature compensation	-15mV/oC
Standby use	6.8-6.9V
Temperature compensation	-10mV/oC

*Manfrs :*

**SEALED ENERGY SYSTEMS**

**72, HSIDC Industrial Area, Ambala Cantt- 133006, Haryana, India**

**Tel : 0171- 2698389, 2699054, 3208757**

**Fax : 0171- 2698054**

**E-mail : [info@sesbatteries.com](mailto:info@sesbatteries.com)**