



SE1245

12V 4.5AH



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

SPECIFICATIONS

Dimensions and Weight

Length	(mm / inch)	90 / 3.54
Width	(mm / inch)	70 / 2.76
Height	(mm / inch)	101 / 3.98
Total Height	(mm / inch)	107 / 4.21
Weight	(Kg / lbs)	1.72 / 3.79

Performance Characteristics

Nominal Voltage	12V
Number of cell	6
Design Life	3~5 years

Nominal Capacity (25oC)

20 hour rate (0.225A, 10.5V)	4.5Ah
10 hour rate (0.445A, 10.5V)	4.45Ah
5 hour rate (0.85A, 10.5V)	4.25Ah
1 hour rate (3.6A, 9.6V)	3.6Ah

Internal Resistance	
Fully Charged battery 77°F(25oC)	33mOhms

Self-Discharge	
3% of capacity declined per month at 20°C(average)	

Operating Temperature Range	
Discharge	-20~60oC
Charge	-10~60oC
Storage	-20~60oC

Max. Discharge Current 77°F (25oC)	67.5 A(5s)
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Short Circuit Current	240A
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Charge Methods: Constant Voltage Charge 77°F (25oC)

Cycle use	14.5-14.9V
Maximum charging current	1.8A
Temperature compensation	-30mV/oC
Standby use	13.6-13.8V
Temperature compensation	-20mV/oC

Manfrs :

SEALED ENERGY SYSTEMS

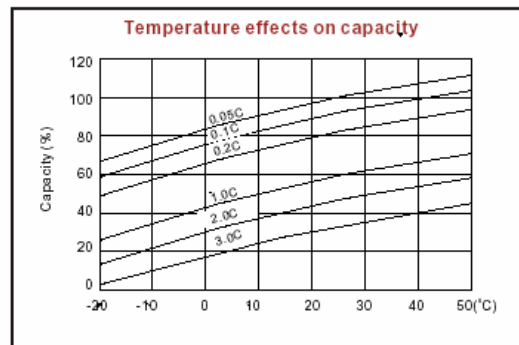
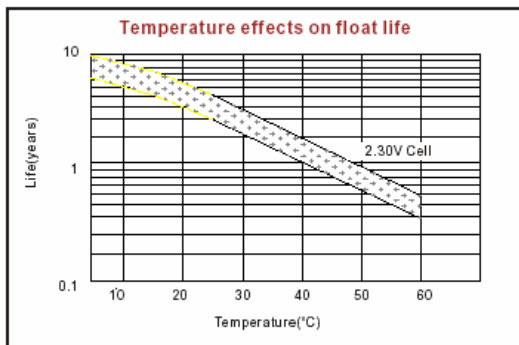
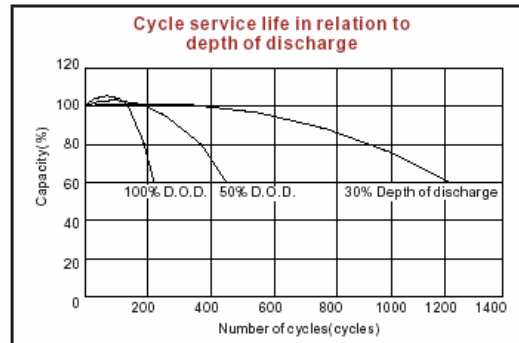
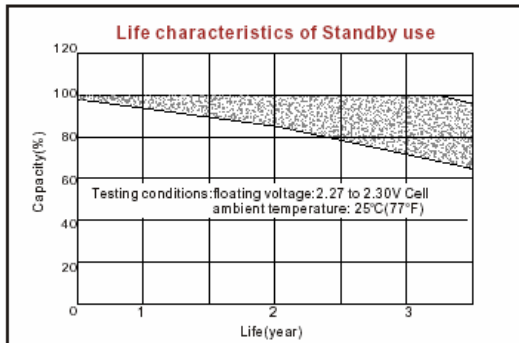
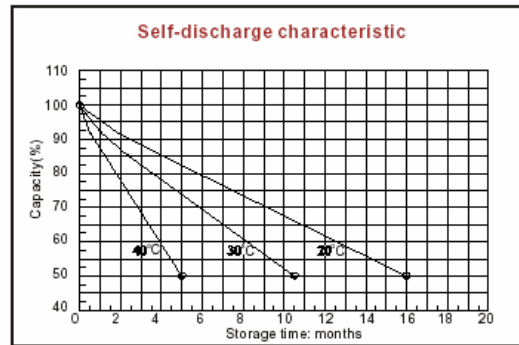
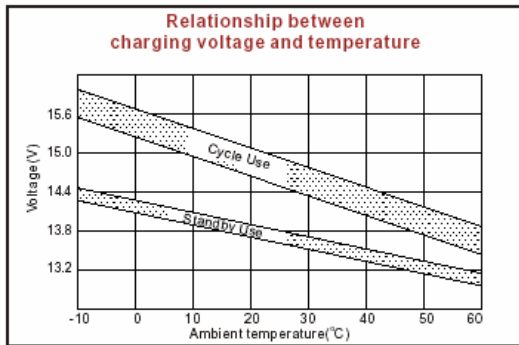
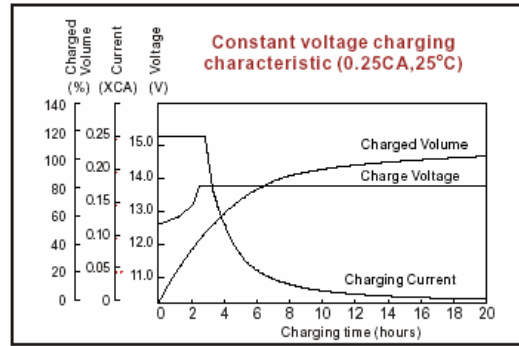
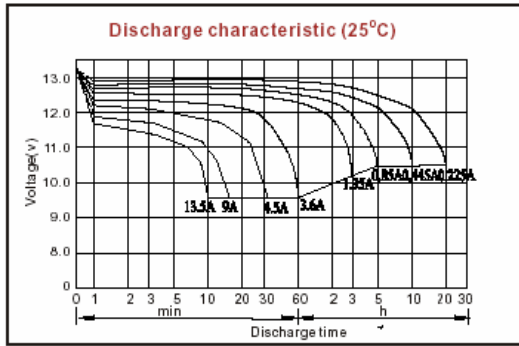
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Manfrs :