



FGL27507

12Volt 75Ah

Specifications

Nominal Voltage(V) 12V

Nominal Capacity

10 hour rate	(7.5A	to	10.80V)	75Ah
5 hour rate	(12.75A	to	10.20V)	63.75Ah
1 hour rate	(45A	to	9.60V)	45Ah
1 C	(75A	to	9.60V)	47.5Ah

Weight Approx. 24.2kg(53.24Lbs.)

Internal Resistance (at 1KHz) Approx. 5 mΩ

Maximum Discharge Current for 5 seconds: 900A

Charging Methods at 25 (77)

Cycle use:	
Charging Voltage	14.4 to 15.0V
Coefficient -5.0mV/ /cell	
Maximum Charging Current :	22.5A
Standby use:	
Float Charging Voltage	13.5 to 13.8V
Coefficient -3.0mV/ /cell	

Operating Temperature Range

Charge	-15 (5)	to	40 (104)
Discharge	-15 (5)	to	50 (122)
Storage	-15 (5)	to	40 (104)

Design Life 12 years

Charge Retention (shelf life) at 20 (68)

1 month	98%
3 month	94%
6 month	85%

Case Material ABS UL94 HB

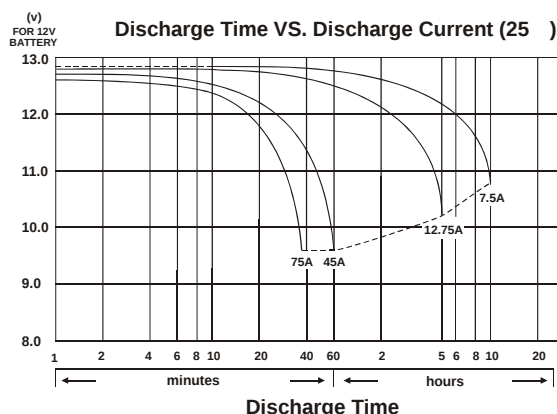
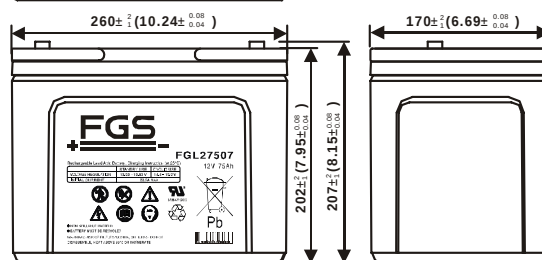
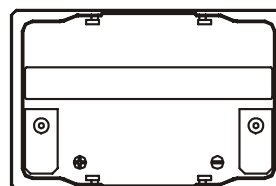
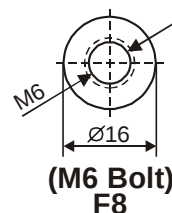
Terminal F8

Description of torque value of hard ware for the terminals:
 Recommended torque value M6: 7 N-m (71kgf-cm)
 Maximum allowable torque value M6: 9 N-m (92kgf-cm)

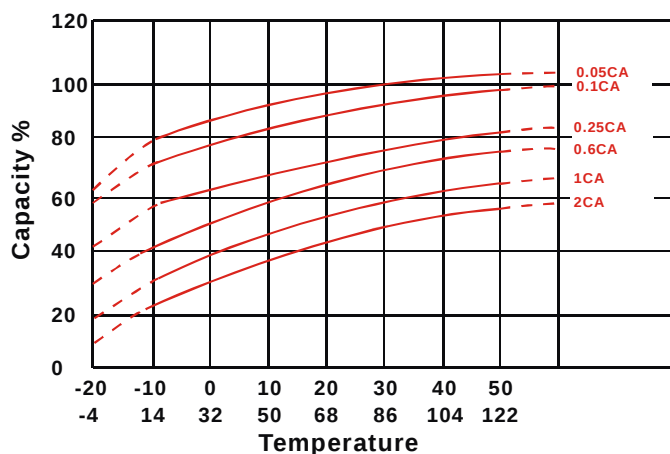


Dimensions

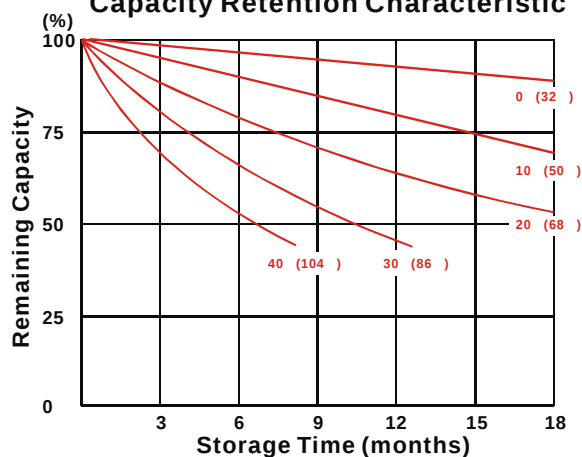
mm(inch)



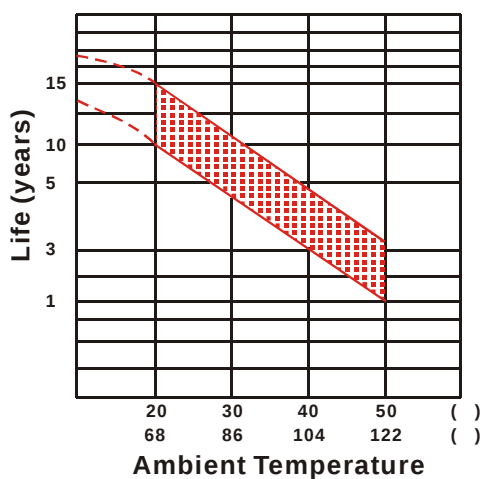
Effect of Temperature on Capacity 25 (77 °)



Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life

