



FG20451

12Volt 4.5Ah

Specifications

Nominal Voltage(V) 12V

Nominal Capacity

20 hour rate	(0.225A to 10.50V)	4.5Ah
10 hour rate	(0.428A to 10.50V)	4.275Ah
5 hour rate	(0.765A to 10.20V)	3.825Ah
1 C	(4.5A to 9.60V)	2.55Ah
3 C	(13.5A to 9.60V)	1.8Ah

Weight Approx. 1.62kg(3.56Lbs.)

Internal Resistance (at 1KHz) Approx. 34.2 mΩ

Maximum Discharge Current for 5 seconds: 67.5A

Charging Methods at 25 (77)

Cycle use:	
Charging Voltage	14.4 to 15.0V
Coefficient -5.0mv/ /cell	
Maximum Charging Current :	1.35A
Standby use:	
Float Charging Voltage	13.50 to 13.80V
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)

Charge Retention (shelf life) at 20 (68)

1 month	92%
3 month	90%
6 month	80%

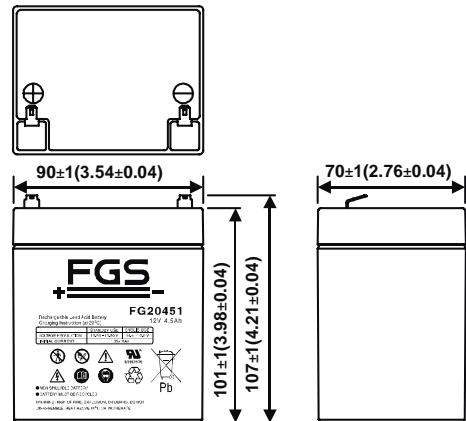
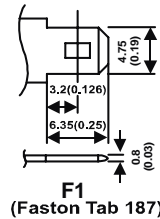
Case Material ABS (UL94 HB flame retardant)

Terminal F1(Faston Tab 187)



Dimensions

mm(inch)



(v) FOR 12V BATTERY Discharge Time VS. Discharge Current (25)

