



FGG24505

12Volt 45Ah

Specifications

Nominal Voltage(V) 12V

Nominal Capacity

20 hour rate	(2.25A	to	10.50V)	45Ah
5 hour rate	(7.65A	to	10.20V)	38.25Ah
1 hour rate	(27A	to	9.60V)	27Ah
1 C	(45A	to	9.60V)	24Ah

Weight Approx. 13.3kg(29.3Lbs.)

Internal Resistance (at 1KHz) Approx. 8 mΩ

Maximum Discharge Current for 5 seconds: 540A

Charging Methods at 25 (77)

Cycle use:

Charging Voltage 13.8 to 14.4V

Coefficient -5.0mv/ /cell

Maximum Charging Current : 13.5A

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 F8

Description of torque value of hard ware for the terminals:

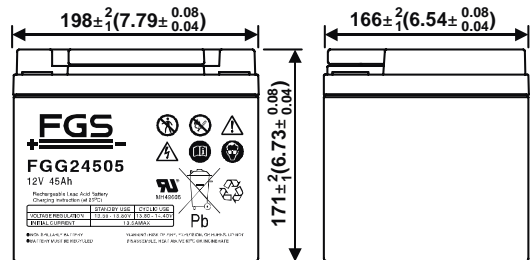
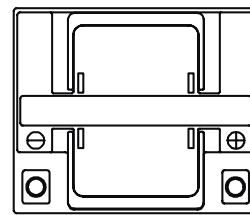
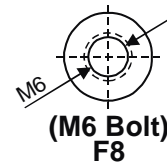
Recommended torque value M6: 5.39 N-m (55kg-cm)

Maximum allowable torque value M6: 8.82 N-m (90kg-cm)



Dimensions

mm(inch)



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

