

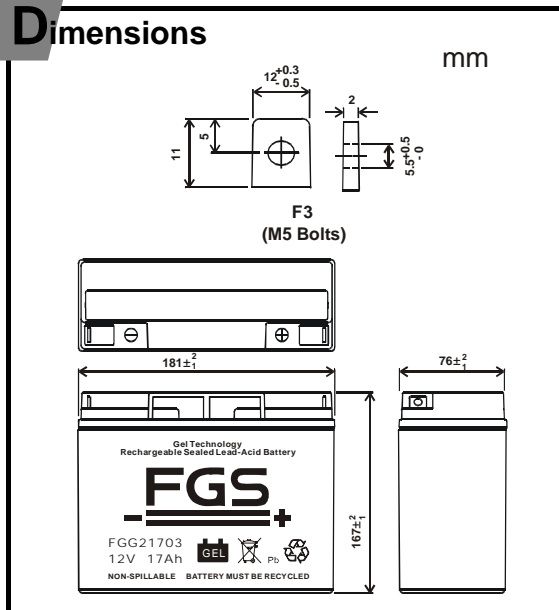


# GEL BATTERIES

# FGG21703



## Dimensions



## Specifications

**Nominal Voltage (V)** 12V

### Nominal Capacity

20hour rate ( 0.85A )	to 10.50V )	17Ah
10hour rate ( 1.62A )	to 10.50V )	16.2Ah
5hour rate ( 2.89A )	to 10.20V )	14.5Ah
1C ( 17A )	to 9.60V )	7.7Ah
3C ( 51A )	to 9.60V )	6.2Ah

**Weight** 6.283kg

**Internal Resistance (at 1KHz)** 10 mΩ

**Maximum Discharge Current for 30 seconds :** 340A

**Maximum Discharge Current for 5 seconds :** 680A

### Operating Temperature Range

Charge	0°C to 40°C
Discharge	-15°C to 50°C
Storage	-15°C to 40°C

### Charge Retention (shelf life) at 20°C

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

### Charging Methods at 25°C

#### Cycle use:

Charging Voltage 13,8V to 14,1V  
Maximum Charging Current : 5.1A

#### Standby use :

Float Charging Voltage 13.50 to 13.80V  
No current limit required

### Life expectancy :

#### Cycle Use :

100% depth of discharge 250 cycles  
80% depth of discharge 300 cycles  
50% depth of discharge 1000 cycles

**Standby Use :** 7~10years

**Case Material** ABS

(Option : 94-HB & 94V-0 flame retardant case)

**Terminal** F3

