



# FG20291

## 12Volt 2.9Ah

### Specifications

Nominal Voltage(V) **12V**

#### Nominal Capacity

20 hour rate	(0.145A to 10.50V)	2.9Ah
10 hour rate	(0.276A to 10.50V)	2.755Ah
5 hour rate	(0.493A to 10.20V)	2.465Ah
1 C	(2.9A to 9.60V)	1.643Ah
3 C	(8.7A to 9.60V)	1.16Ah

Weight **Approx. 1.24kg(2.73Lbs.)**

Internal Resistance (at 1KHz) **Approx. 30 mΩ**

#### Maximum Discharge Current for

5 seconds: **43.5A**

#### Charging Methods at 25 (77 )

Cycle use:

Charging Voltage **14.4 to 15.0V**

Coefficient -5.0mv/ /cell

Maximum Charging Current : **0.87A**

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**

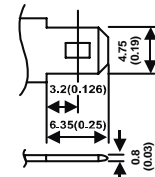
(UL94 HB flame retardant )

Terminal **F1(Faston Tab 187)**

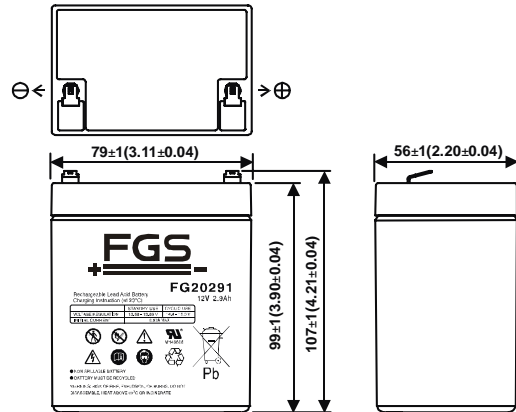


### Dimensions

mm(inch)



F1 (Faston Tab 187)



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

