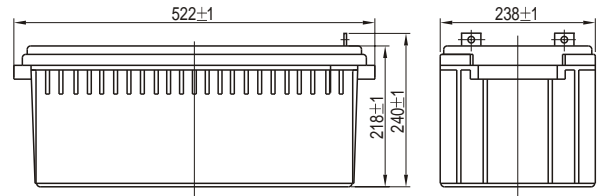




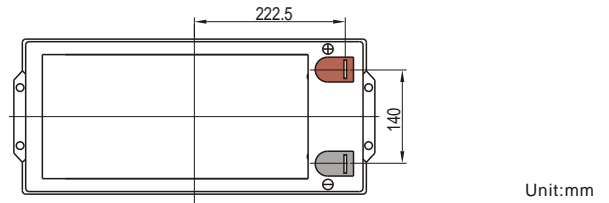
# 6FM 200

## 12V 200Ah



### Specifications

Nominal Voltage		12V
Rated Capacity (20 hour rate)		200Ah
Dimensions	Total Height (with terminals)	9.45 inches (240mm)
	Height	8.58 inches (218mm)
	Length	20.6 inches (522mm)
	Width	9.37 inches (238mm)
Weight		Approx.143.31lbs (65Kg)

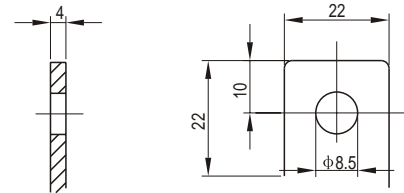


Unit:mm

### Characteristics

Capacity* 77°F(25°C)	20 hour rate (10A)	200Ah
	10 hour rate (19A)	190Ah
	5 hour rate (37A)	185Ah
	1 hour rate (138A)	138Ah
	15 minute Rate (300A)	75Ah
Internal Resistance	Full charged Battery 77°F(25°C)	3.8mW
Capacity affected by Temperature (20 hour rate)	104°F(40°C)	102%
	77°F(25°C)	100%
	32°F(0°C)	85%
Self-Discharge 68°F(20°C)	Capacity after 3 month storage	90%
	Capacity after 6 month storage	80%
	Capacity after 12 month storage	60%
Max. Discharge Current 77°F(25°C)	1000A (5s)	
Terminal		F16
Charge (Constant Voltage)	Cycle	14.4-14.7V/77°F(25°C) Max. Current 60A
	Float	13.6-13.8V/77°F(25°C)

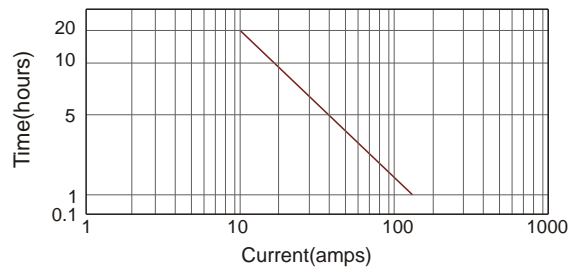
#### Terminal (F16)



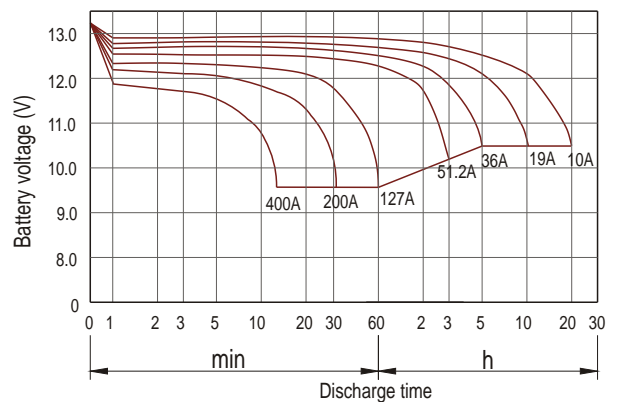
■ Optional Terminal: F12(See Page 9)

Unit:mm

#### Discharge current v's time 77°F(25°C)



#### Discharge characteristic (25°C)



#### Constant power discharge ratings-watts per cell at 25°C(77°F)

End Point Volts/Cell	5min	10min	15min	30min	45min	1h	2h	3h	5h
1.60V	1000	793	559	383	283	217	153	105	70.2
1.65V	938	747	528	364	270	208	148	102	68.7
1.70V	876	701	498	345	257	198	143	100	66.9
1.75V	815	655	467	325	243	188	138	96.7	65.3
1.80V	754	609	436	304	229	178	132	93.4	64.2

\*The above data are average values, and can be obtained within 3 charge/discharge cycles. These are not minimum values.