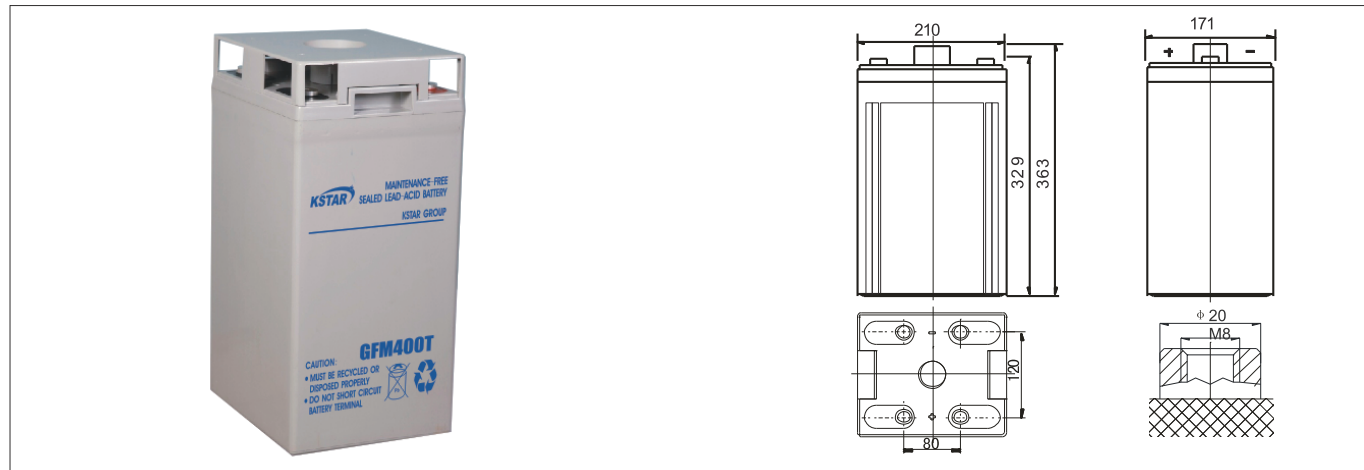


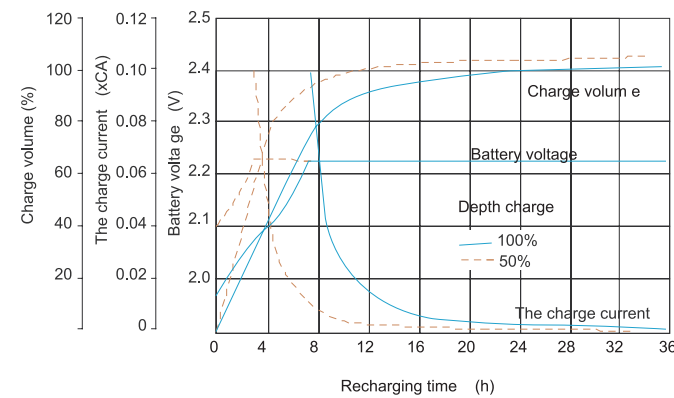
# GFM400T



## SPECIFICATIONS

Nominal Voltage		2V
Rated Capacity(20 hour rate)		400AH
Dimensions	Total (with terminals)	14.29inches (363mm)
	Height	12.95inches (329mm)
	Length	8.27inches (210mm)
	Width	6.73inches (171mm)
Weight		Approx.62.78pound (28.5kg)

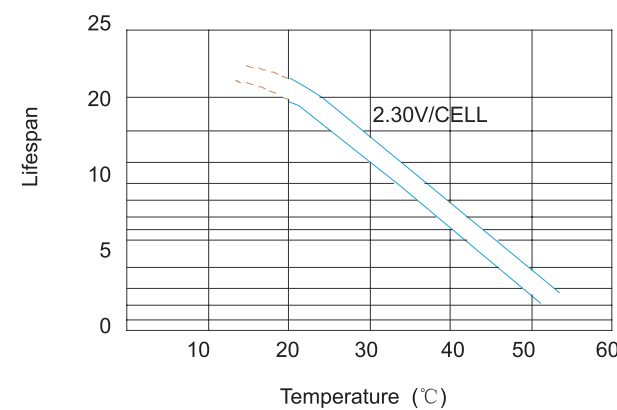
## Battery charging curve



## CHARACTERISTICS

Capacity 77°F(25°C)	10 hour rate (40A) 5 hour rate (72A) 1 hour rate (240A)	400Ah 360Ah 240Ah
Internal Resistance	Full charged Battery 77°F(25°C)	0.5mΩ
Capacity affected by Temperature (20 hour rate)	104°F(40°C)	102%
	77°F(25°C)	100%
	32°F(0°C)	85%
Self-Discharge 77°F(20°C)	Capacity after 3 month storage	91%
	Capacity after 6 month storage	81%
	Capacity after 12 month storage	60%
Max. Discharge Current 77°F(25°C)	2800A(5S)	
Terminal	M3	
Charge (Constant Voltage)	Cycle	Initial Charging Current less than 80A Voltage 14.4~14.7V/77°F(25°C)
	Float	Voltage 13.5~13.8V/77°F(25°C)

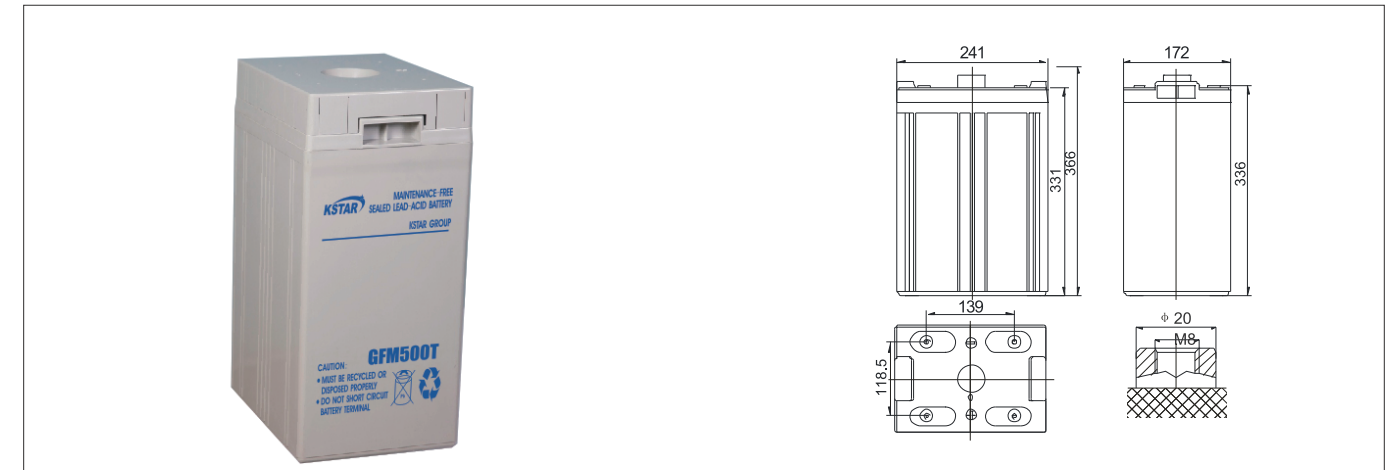
## Temperature on the impact of floating life



## CONSTANT WATTAGE DISCHARGE (WATT9 PER CELL@25°C)

Cut off voltage v/cell	5M	10M	15M	30M	1h	3h	5h	10h	20h
1.60	1510	1205	1000	680	472	212	143	80.0	42.4
1.70	1374	1136	961	656	443	210	140	79.2	41.6
1.80	1271	1084	930	615	413	208	137	78.4	40.8

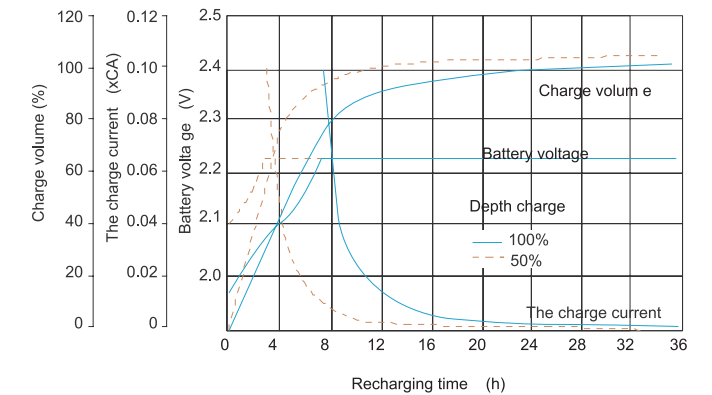
# GFM500T



## SPECIFICATIONS

Nominal Voltage		2V
Rated Capacity(20 hour rate)		500Ah
Dimensions	Total Height (with terminals)	14.41inches(366mm)
	Height	13.03inches(331.0mm)
	Length	9.49inches (241mm)
	Width	6.77inches (172mm)
Weight		Approx. 74.01pound(33.6kg)

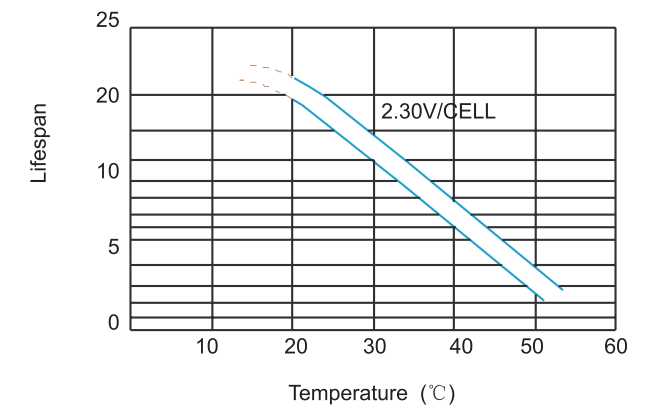
## Battery charging curve



## CHARACTERISTICS

Capacity 77°F(25°C)	10 hour rate (50A) 5 hour rate (90A) 1 hour rate (300A)	500Ah 450Ah 300Ah
Internal Resistance	Full charged Battery 77°F(25°C)	0.5mΩ
Capacity affected by Temperature (20 hour rate)	104°F(40°C)	102%
	77°F(25°C)	100%
	32°F(0°C)	85%
Self-Discharge 77°F(20°C)	Capacity after 3 month storage	91%
	Capacity after 6 month storage	81%
	Capacity after 12 month storage	60%
Max. Discharge Current 77°F(25°C)	3500A(5S)	
Terminal	M3	
Charge (Constant Voltage)	Cycle	Initial Charging Current less than 100A Voltage 14.4~14.7V/77°F(25°C)
	Float	Voltage 13.5~13.8V/77°F(25°C)

## Temperature on the impact of floating life



## CONSTANT WATTAGE DISCHARGE (WATT9 PER CELL@25°C)

Cut off voltage v/cell	5M	10M	15M	30M	1h	3h	5h	10h	20h
1.60	1888	1506	1250	850	590	265	179	100	53.0
1.70	1718	1420	1201	820	554	263	175	99.0	52.0
1.80	1589	1355	1163	769	516	260	171	98.0	51.0