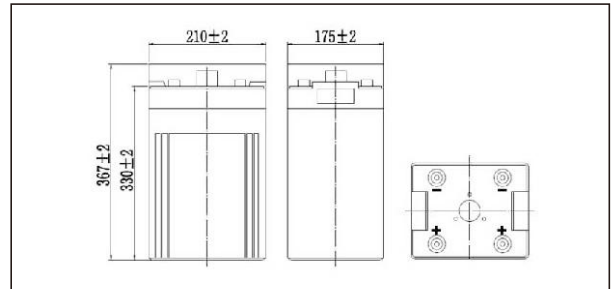


GFM400 (2V400Ah)



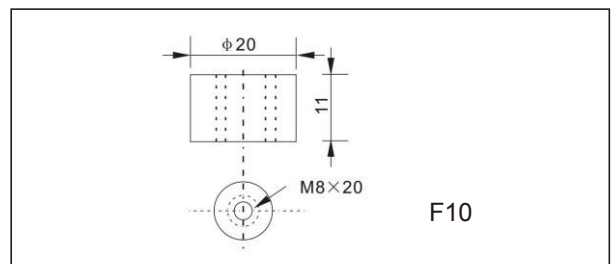
Outer dimensions (mm)



Specifications

Nominal Voltage		2V
Rated capacity (10 hour rate)		400Ah
Dimensions	Total Height	367 ± 3 mm
	Height	329 ± 3 mm
	Length	211 ± 2 mm
	Width	176 ± 2 mm
Weight Approx		26.7 ± 0.80 Kg

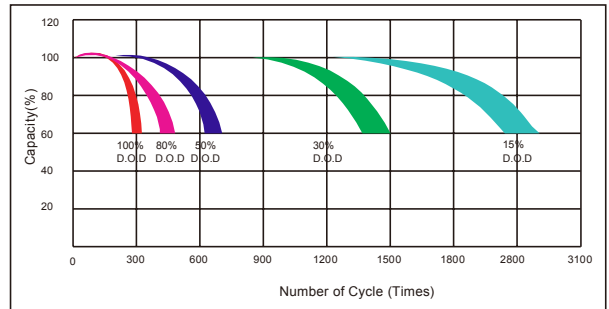
Terminal Type



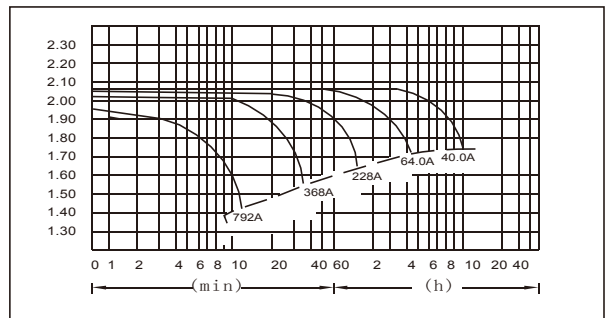
Characteristics

Capacity 25°C(77°F)	20 hour rate(21.8 A)	436.0Ah
	10 hour rate(40.0A)	400.0Ah
	5 hour rate(64.0A)	320.0Ah
	1 hour rate(228.0A)	228.0Ah
Capacity affected by Temperature (10 hour rate)	40°C(104°F)	102%
	25°C(77°F)	100%
	0°C(32°F)	85%
	-15°C(5°F)	65%
Self-Discharge at 25°C(77°F)	Capacity after 3 month storage	91%
	Capacity after 6 month storage	82%
	Capacity after 12 month storage	64%
Charge (constant Voltage)	Cycle	Initial Charging Current less than 80.0A
	Float	2.25V-2.30V

Cycle Life 25°C(77°F)



Discharge Curves 25°C(77°F)



Constant Current(Amp) and Constant Power(W att) Discharge T able at 25°C(77°F)

Time		10min	30min	1h	2h	3h	4h	5h	8h	10h	20h
1.60V	A	792	368	240	140	100	80.0	67.2	46.5	44.0	22.8
	W	1394	659	442	259	187	150	126.3	87.9	83.2	43.1
1.70V	A	768	344	228	134	97.3	77.0	65.6	45.5	41.6	22.4
	W	1367	623	422	249	182	145	123.3	86.0	78.6	42.3
1.75V	A	720	328	220	130	94.7	75.0	64.0	45.0	40.8	22.2
	W	1296	600	409	243	178	142	121.0	85.5	77.5	42.2
1.80V	A	672	312	212	128	93.3	74.0	61.6	44.0	40.0	21.8
	W	1216	574	396	241	176	141	117.0	84.0	76.4	41.6
1.85V	A	648	296	200	124	92.0	73.0	60.8	42.5	39.2	21.6
	W	1179	548	376	234	175	139	116.1	81.6	75.3	41.5