

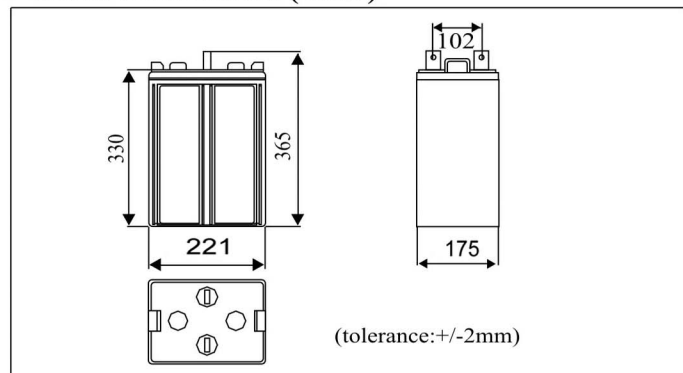
GFM400 (2V400 AH)

• Specifications

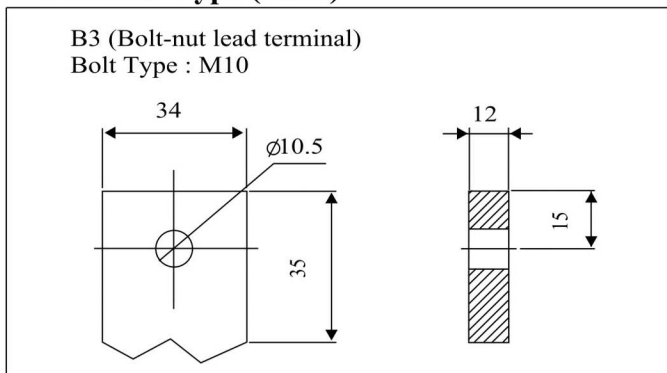
Nominal Voltage Nominal Capacity (10HR)		2V 400AH
Dimension	Length	221 ±2mm
	Width	175 ±2mm
	Container Height	365 ±2mm
	Total Height	365 ±2mm
Weight		Approx 25Kg (55 lbs)
Standard Terminal		B3 (Bolt-and-nut lead terminal) Bolt Type:M10



• Outer Dimensions (mm)



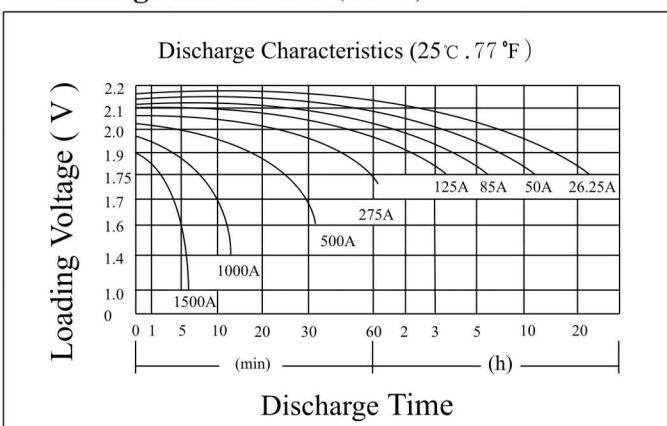
• Terminal Type (mm)



• Characteristics

Capacity	20 hour rate	(21A)	420 Ah
	10 hour rate	(40A)	400 Ah
	5 hour rate	(68A)	340 Ah
	3 hour rate	(100A)	300 Ah
	1 hour rate	(220A)	220 Ah
Capacity affected by temperature		40 °C (104°F) 25 °C (77°F) 0 °C (32°F)	102% 100% 85%
Internal Resistance		Fully charged battery (25 °C, 77°F) 0.4mΩ	
Constant-Voltage Charge	Cycle	Initial Charging Current less than 125A Voltage 2.30~2.35V at 25 °C (77°F) Temperature Coefficient -3mV/°C	
	Stand by	No limit on Initial Charging Current Voltage 2.22~2.26V at 25 °C (77°F) Temperature Coefficient -3mV/°C	

• Discharge curves 25°C (77°F)



Constant Current (Amp) and constant power (Watt) Discharge Table at 25°C (77°F)

Time		5min	10min	15min	30min	1h	3h	4h	5h	8h	10h	20h
1.6V	A	2220	1620	1140	720	105	154.5	160	198	69.9	63	34.05
	W	3929	2868	2019	1221	202.5	297	308	381	134.4	121.2	65.7
1.70V	A	1956	1476	1020	654	100.5	150	156	194.4	68.25	61.5	33.3
	W	3620	2732	1887	1209	193.5	289.5	300	375	132	118.5	64.05
1.75V	A	1884	1404	960	636	97.5	146.4	154	192	68.25	60.75	32.7
	W	3561	2654	1815	1203	189	282	296	369	130.8	117.3	63.3
1.80V	A	1812	1332	900	618	95.25	142.5	151	187.2	660	60	32.4
	W	3515	2583	1746	1198.5	184.5	277.5	290	363	128.4	116.4	62.85
1.85V	A	1740	1260	840	600	93	138	146	183	64.2	57	31.5
	W	3450	2499	1665	1191	184.5	273	290	363	127.2	113.1	61.05