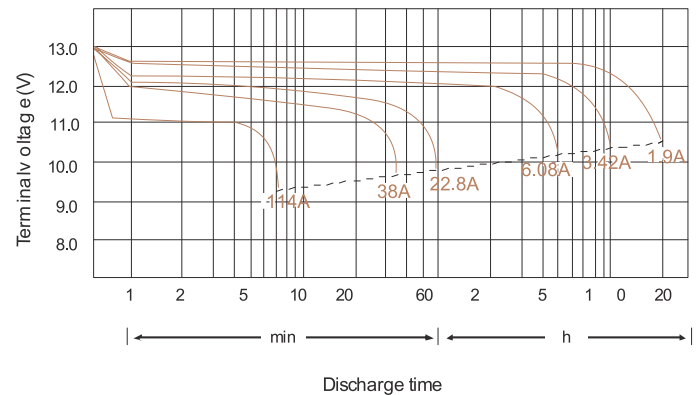


## SPECIFICATIONS

Nominal Voltage		12V
Rated Capacity(20 hour rate)		38Ah
Dimensions	Total Height (with terminals)	6.70inches (170mm)
	Height	6.70inches (170mm)
	Length	7.80inches (198mm)
	Width	6.54inches (166mm)
Weight		Approx. 28.19pound(12.8kg)

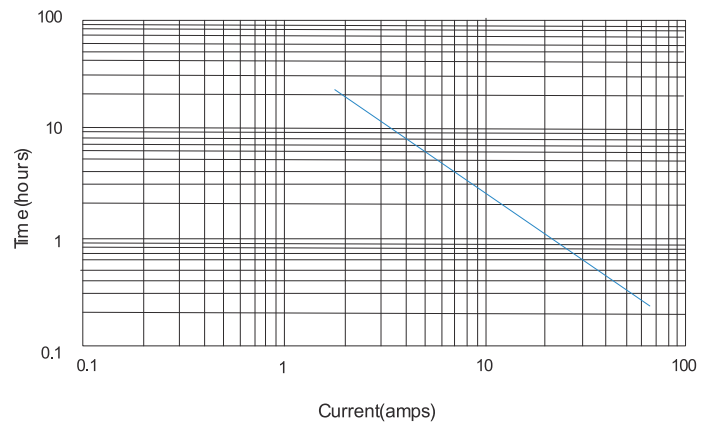
## DISCHARGE CURVES 77°F(25°C)



## CHARACTERISTICS

Capacity 77°F(25°C)	20 hour rate (1.90A)	38.0Ah
	10 hour rate (3.42A)	34.2Ah
Capacity 77°F(25°C)	5 hour rate (6.08A)	30.4Ah
	1 hour rate (22.8A)	22.8Ah
	15 minute Rate (62.7A)	15.7Ah
	Internal Resistance	Full charged Battery 77°F(25°C)
Capacity affected by Temperature (20 hour rate)	104°F(40°C)	102%
	77°F(25°C)	100%
	32°F(0°C)	85%
	5°F(-15°C)	65%
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)	380A(5S)	
Terminal	M1	
Charge (Constant Voltage)	Cycle	Initial Charging Current less than 10.26A Voltage 14.4~14.7V/77°F(25°C)
	Float	Voltage 13.5~13.8V/77°F(25°C)

## DISCHARGE CURRENT VS. TIME 77°F(25°C)



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

Cut off voltage v/cell	1M	5M	10M	15M	30M	45M	1h	2h	3h	5h	8h	10h	12h	24h
1.60	226	198	143	113.0	70.2	52.7	44.6	25.3	18.0	12.1	8.00	6.76	5.79	2.92
1.65	220	189	139	110.0	69.7	52.3	43.2	24.5	17.8	11.9	7.94	6.70	5.70	2.90
1.67	218	186	137	108.0	68.8	51.3	42.6	24.4	17.7	11.8	7.86	6.62	5.64	2.87
1.70	216	184	135	106.0	67.6	50.4	41.9	24.2	17.5	11.6	7.75	6.56	5.57	2.81
1.75	196	171	127	102.0	67.4	49.6	41.6	24.0	17.4	11.5	7.68	6.50	5.42	2.76
1.80	179	151	117	94.1	64.1	47.8	40.9	23.6	17.0	11.3	7.42	6.28	5.32	2.68
1.85	143	121	96.9	82.7	58.3	45.4	38	22.7	16.5	10.70	7.21	6.00	5.12	2.60