

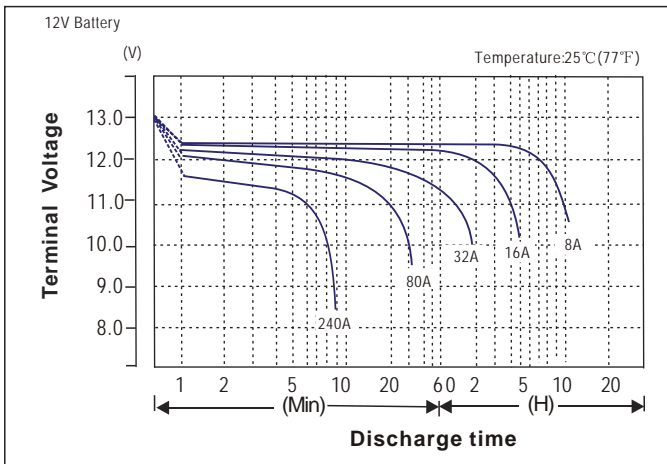
**UTY 12V-80 AH**



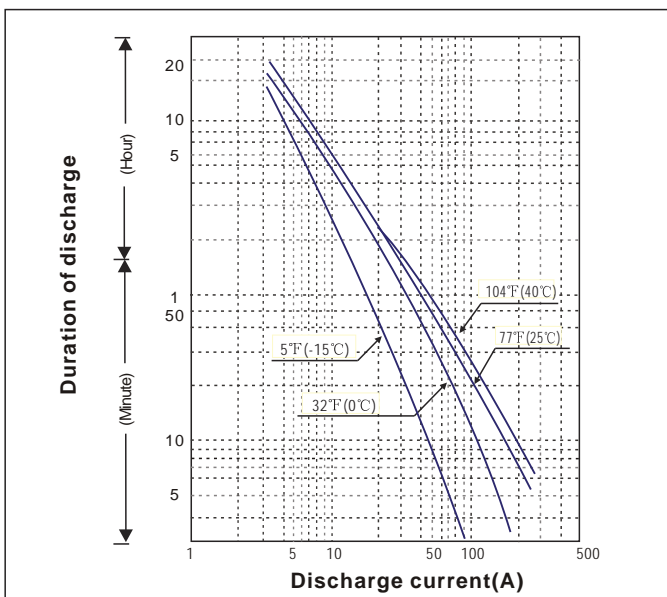
**Specifications**

Nominal Voltage		12V
Rated Capacity (10HR)		80AH
Dimensions ± 1mm	Total Height	211mm(8.31 inches)
	Height	208mm(8.19 inches)
	Length	260mm(10.2 inches)
	Width	168mm(6.65 inches)
Weight		Approx: 22kg(48.51 lbs)
Terminal		T5 , T9

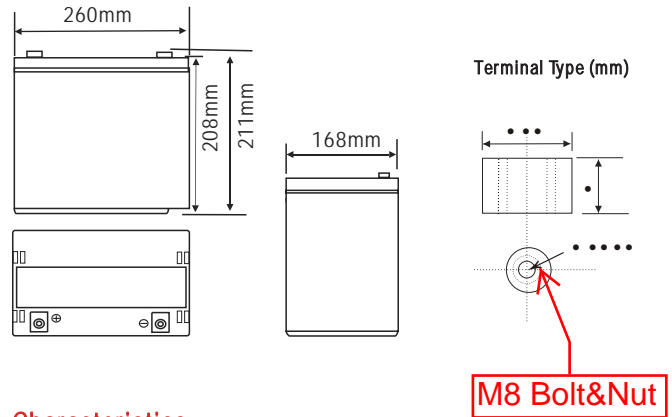
**Discharge characteristics**



**Duration of discharge vs. Discharge current**



**Appearance**



**Characteristics**

Capacity 77°F (25°C)	10 hour rate(8.0A)	80AH
	5 hour rate(12.8A)	64AH
	1hour rate(48.0A)	48AH
	15 min rate(130A)	32.5AH
Internal Resistance	Full charged Battery 77°F (25°C)	5.4m Ω
	104°F (40°C)	102%
	77°F (25°C)	100%
	32°F (0°C)	85%
Capacity affected by Temperature (10 hour rate)	77°F (25°C)	100%
	32°F (0°C)	85%
	5°F (-15°C)	65%
Self-Discharge 77°F (25°C)	Capacity after 3 month storage	91%
	Capacity after 6 month storage	82%
	Capacity after 12 month storage	64%
Max. Discharge Current 77°F (25°C)	800A(5S)	
Charge (constant voltage)	Cycle	Initial Charging Current 24 A or Smaller 14.50-14.90V/77°F (25°C)
	Float	13.50-13.80V/77°F (25°C)

**Constant Power Discharge Watts Per Cell @77°F (25°C)**

Time		5min	10min	15min	30min	1hr	2hr	3hr	5hr	8hr	10hr	20hr
9.60	A	296	216	142	92	48	28	20.6	13.2	9.3	8.4	4.54
	W	3143	2294	1604	977	556	324	238	153	108	97	52.5
10.20	A	261	197	136	87.2	45.1	26.7	20	13	9.1	8.2	4.42
	W	2895	2184	1510	968	522	309	232	150	105	95	51.2
10.80	A	242	178	120	82	42	25.4	19	12.5	8.8	8.0	4.32
	W	2812	2067	1397	959	492	296	222	145	102	93	50.3