

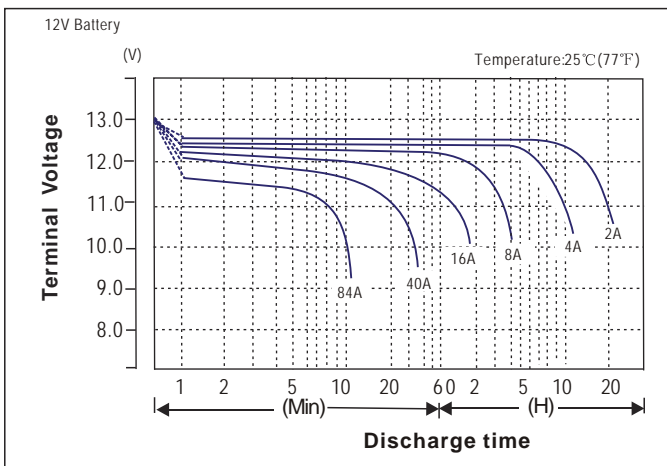
UTY 12V-40 AH



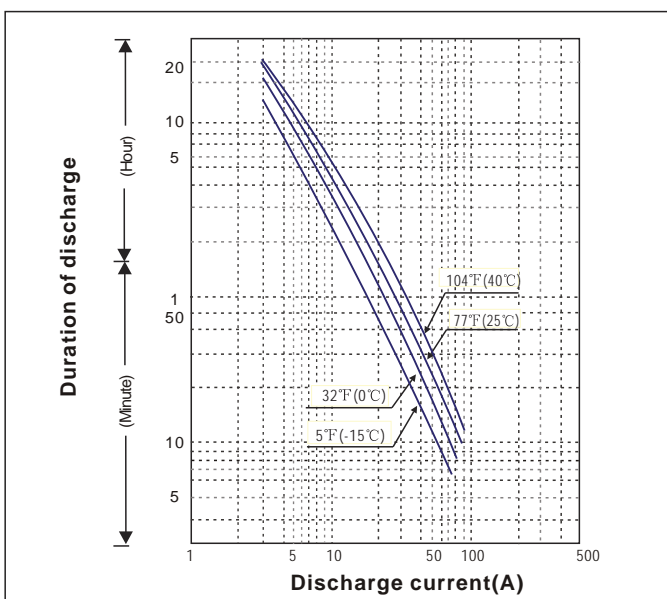
Specifications

Nominal Voltage		12V
Rated Capacity (10HR)		40AH
Dimensions ± 1mm	Total Height	170mm(6.69 inches)
	Height	170mm(6.69 inches)
	Length	197mm(7.74 inches)
	Width	165mm(6.50 inches)
Weight		Approx: 12.3kg(27.12 lbs)
Terminal		T9

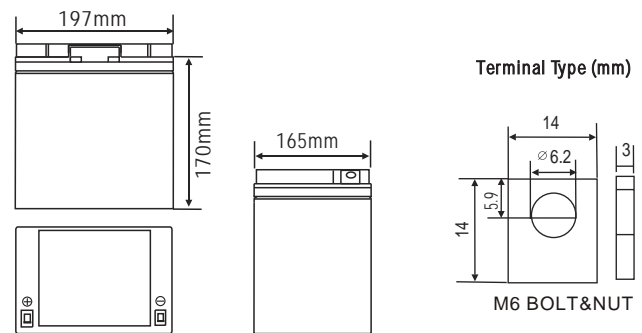
Discharge characteristics



Duration of discharge vs. Discharge current



Appearance



Characteristics

Capacity 77°F (25°C)	10 hour rate(4.0A)	40.0AH
	5 hour rate(6.6A)	33.0AH
	1hour rate(24A)	24.0AH
	15 min rate(68A)	17.0AH
Internal Resistance	Full charged Battery 77°F (25°C)	9.5mΩ
	104°F (40°C)	102%
	77°F (25°C)	100%
	32°F (0°C)	85%
Capacity affected by Temperature (10 hour rate)	5°F (-15°C)	65%
	Capacity after 3 month storage	91%
	Capacity after 6 month storage	82%
Self-Discharge 77°F (25°C)	Capacity after 12 month storage	64%
	Max. Discharge Current 77°F (25°C)	400A(5S)
Charge (constant voltage)	Cycle	Initial Charging Current 12 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	106	69.6	56.1	37.6	19.8	11.6	8.48	5.45	3.86	3.47	1.87
	W	1091	744	602	404	214	127	94.4	61.9	44.2	40.0	21.8
10.20	A	103	62.8	52.9	36.0	18.6	11.0	8.25	5.35	3.76	3.40	1.82
	W	1087	702	592	404	211	127	95.5	62.3	44.0	39.9	21.3
10.80	A	95.4	53.0	43.0	31.0	17.4	10.5	7.85	5.15	3.63	3.30	1.78
	W	1071	611	495	359	203	123	92.6	60.8	43.0	39.2	21.2