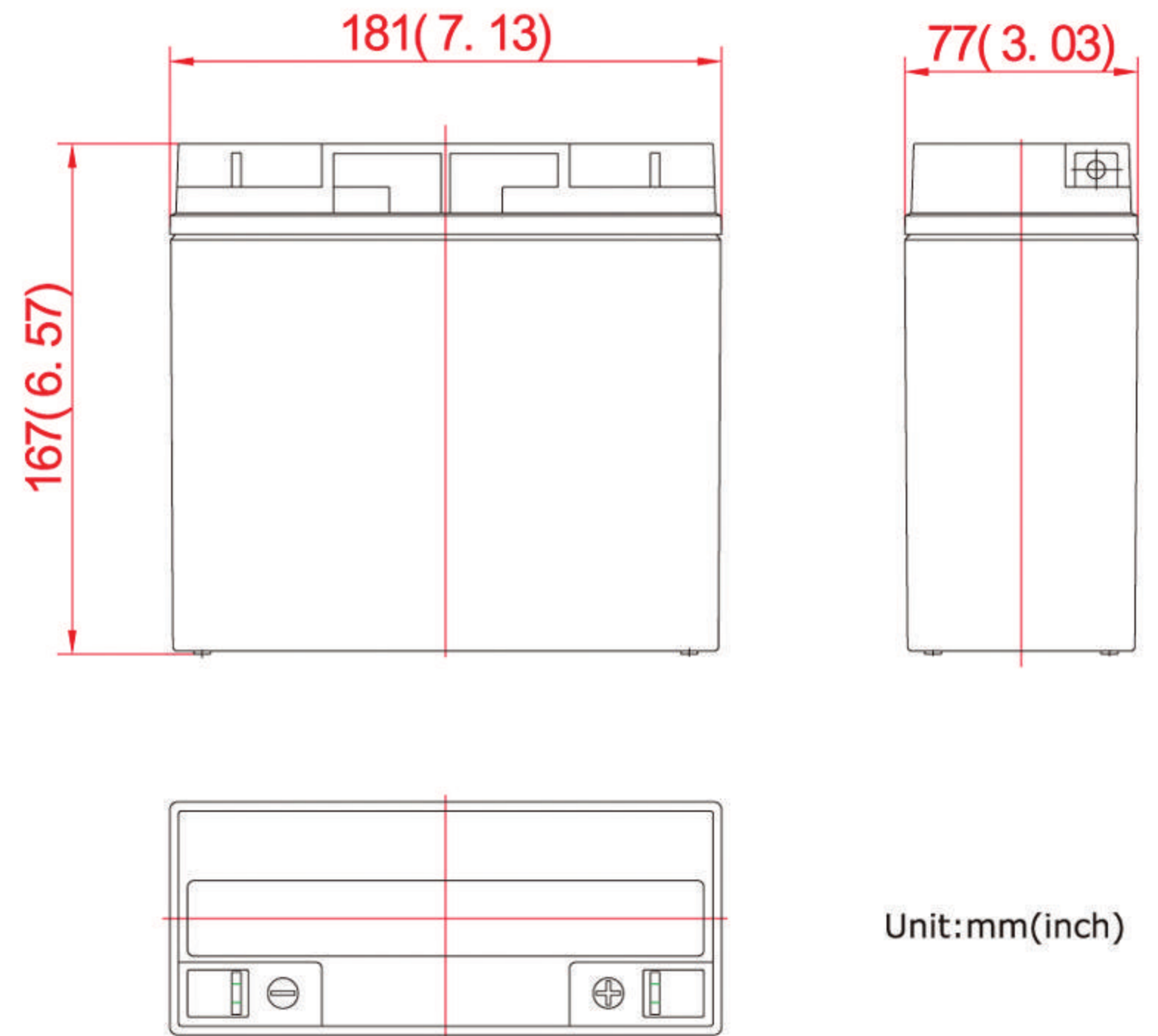


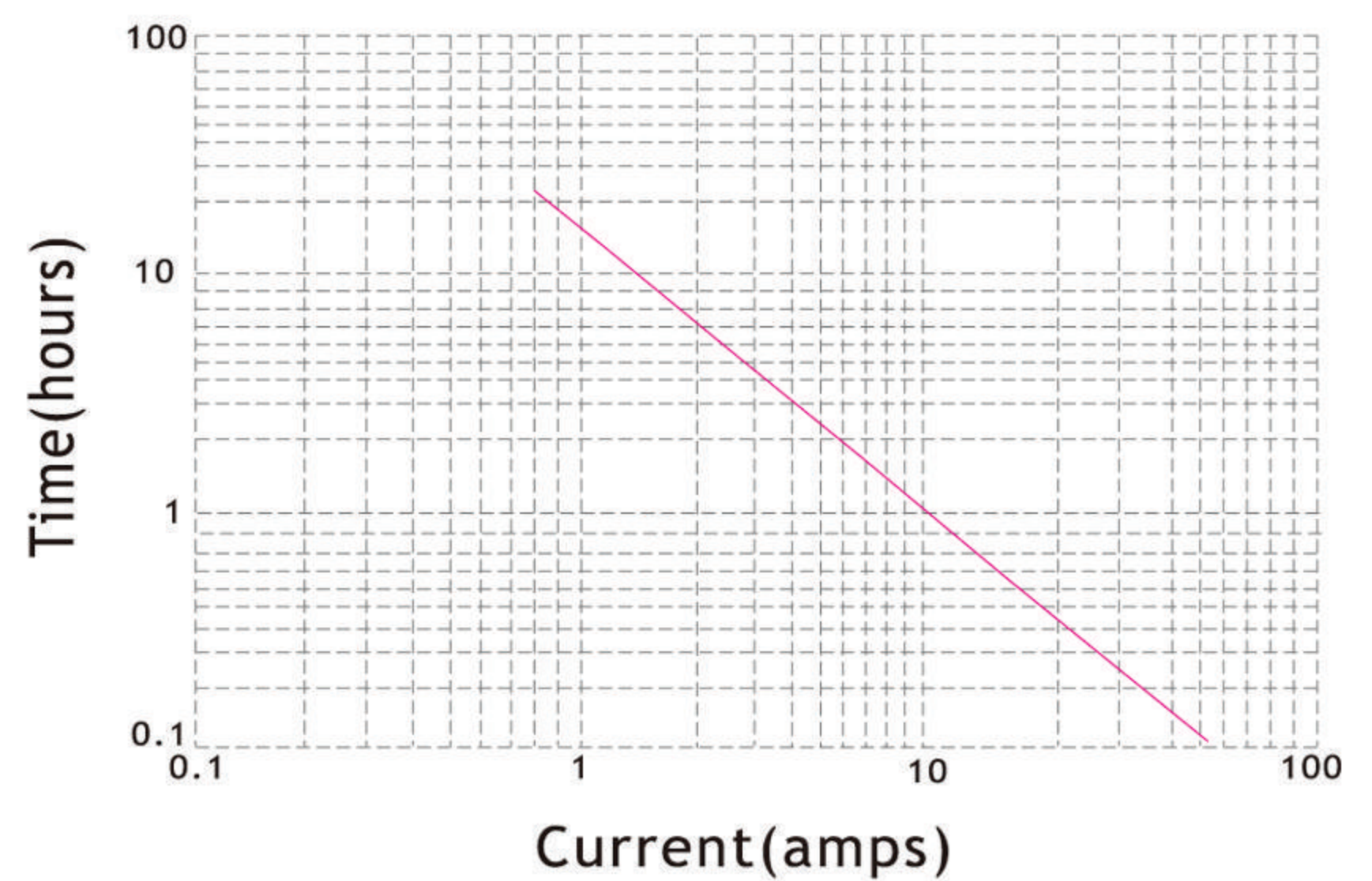
Specification of 12V18AH



Specifications

Nominal voltage	12V	
Rated Capacity(20 hour rate)	18Ah	
Dimensions	Total Height (With terminals)	167±2mm(6.57 inches)
	Height	167±2mm(6.57 inches)
	Length	181±2mm(7.13 inches)
	Width	77 ±1mm(3.03 inches)

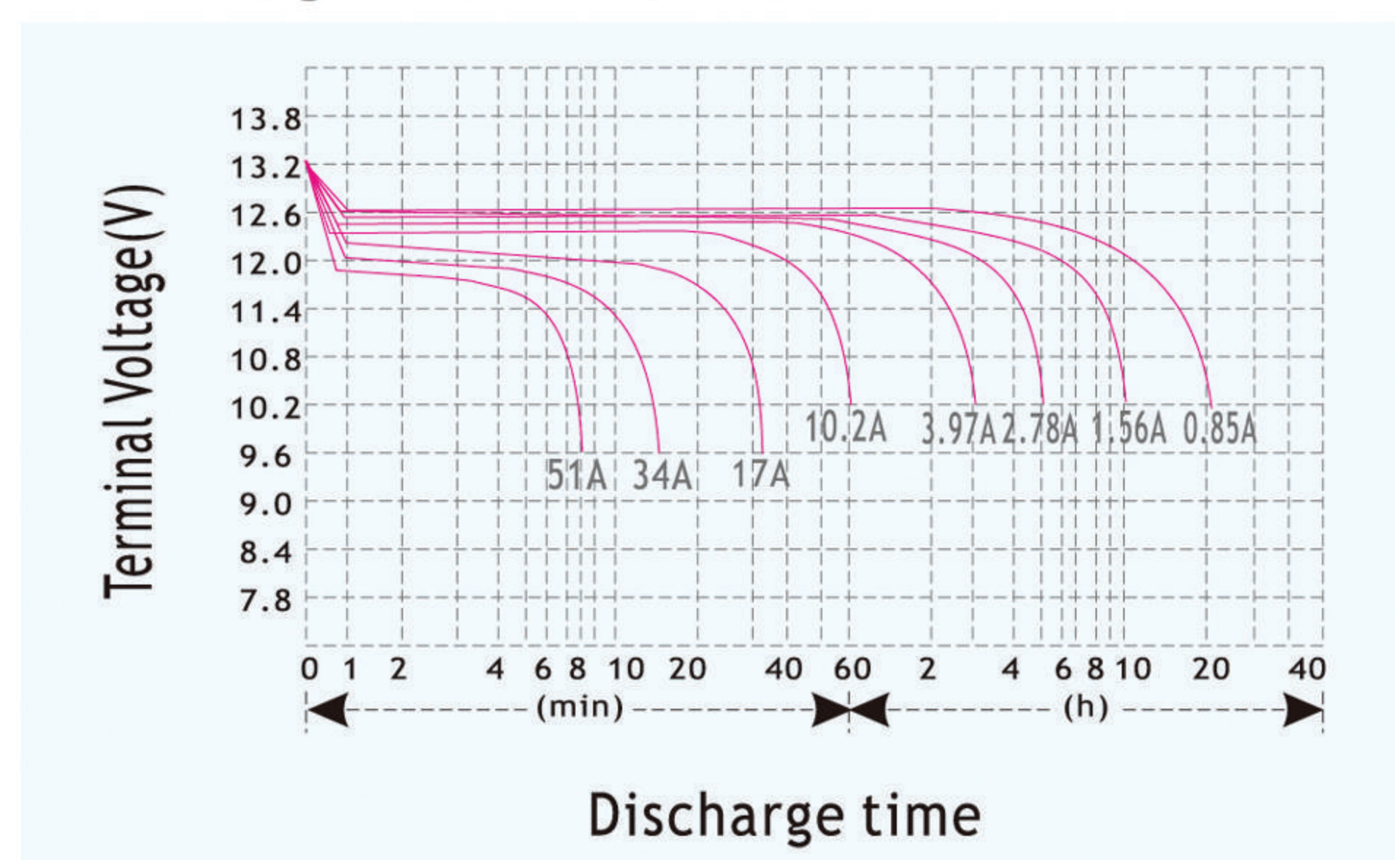
Discharge current v s time 25 C(77 °F)



Characteristics

Capacity* 25°C(77 °F)	20 hour rate(0.85A)	18.0Ah
	10 hour rate(1.56A)	15.6Ah
Internal Resistance	5 hour rate(2.78A)	13.9Ah
	3 hour rate(3.97A)	11.9Ah
	1 hour rate(10.2A)	10.2Ah
	15 minute Rate(34A)	8.5Ah
Capacity affected by Temperature (20 hour rate)	40°C(104 °F)	102%
Self-Discharge 25°C(77 °F)	25°C(77 °F)	100%
	0°C(32 °F)	85%
	-15°C(5 °F)	65%
	Capacity after 3month storage	91%
Max, Discharge Current 25°C(77 °F)	Capacity after 6month storage	82%
	Capacity after 12month storage	64%
	110A(5S)	
Terminal Standard	T3	
Charge (Constant Voltage)	Cycle	Initial Charging Current: Less than 5.1A Voltage: 14.4-15.0V 25°C(77 °F)
	Float	Voltage: 13.5-13.8V 25°C(77 °F)

Discharge curves 25°C(77 °F)



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

Cut off voltage V/cell	5M	10M	15M	30M	1h	2h	3h	5h	8h	10h	20h
1.60V	116	76.20	57.70	33.96	19.64	11.62	9.14	6.23	3.86	3.24	1.72
1.65V	113	74.80	56.80	32.12	19.42	11.35	8.89	6.12	3.84	3.22	1.72
1.70V	109	73.90	55.80	31.23	19.27	10.98	8.65	5.87	3.81	3.18	1.71
1.75V	104	71.60	54.60	30.42	18.43	10.55	8.43	5.75	3.76	3.12	1.69
1.80V	97	70.10	52.70	28.72	17.36	10.03	8.15	5.60	3.66	3.03	1.66
1.85V	87	65.22	46.80	26.78	17.25	9.42	7.88	5.35	3.52	2.98	1.61

*The above data are average values, and can be obtained within 3 charge/discharge cycles. These are not minimum values