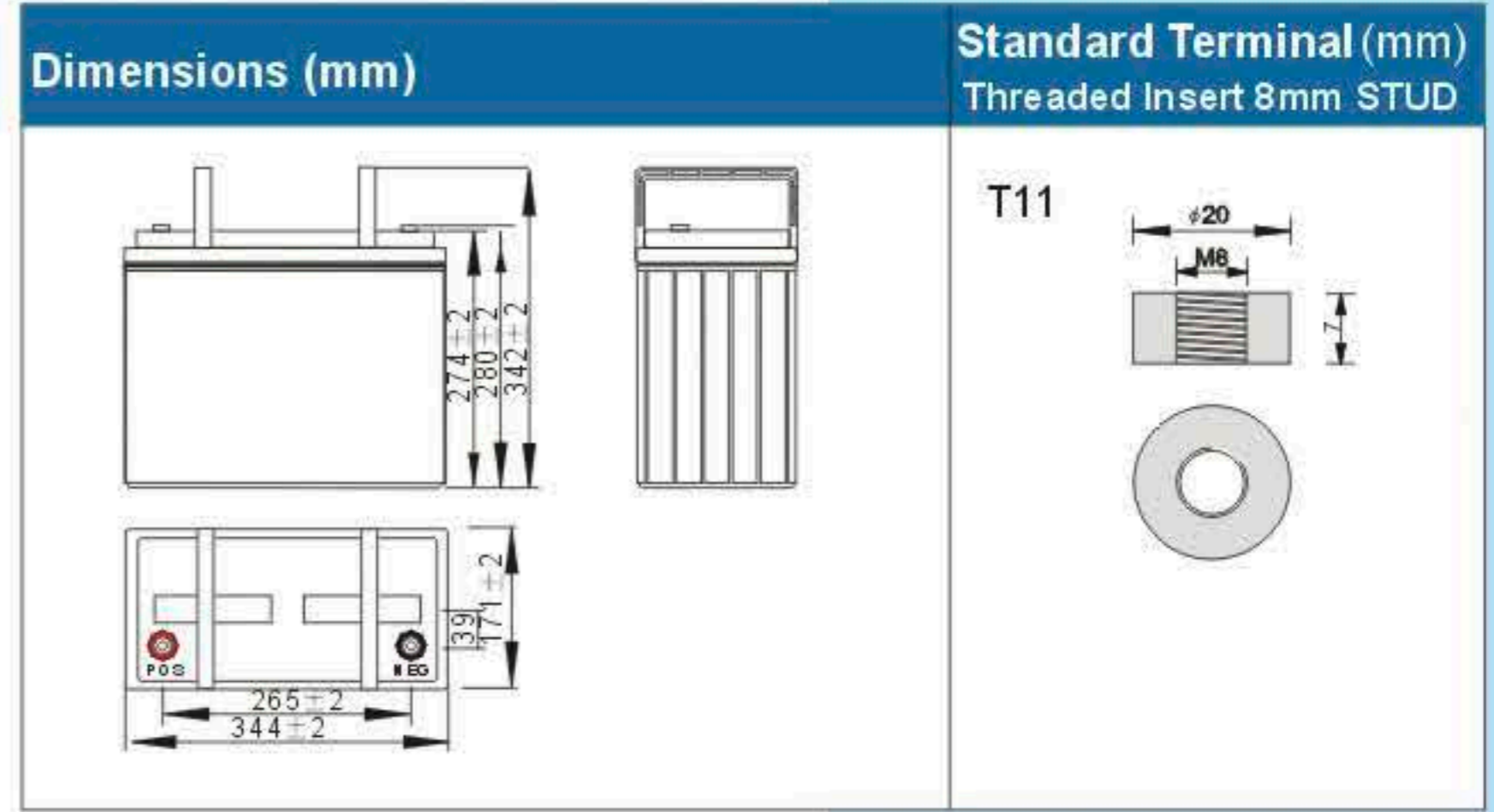
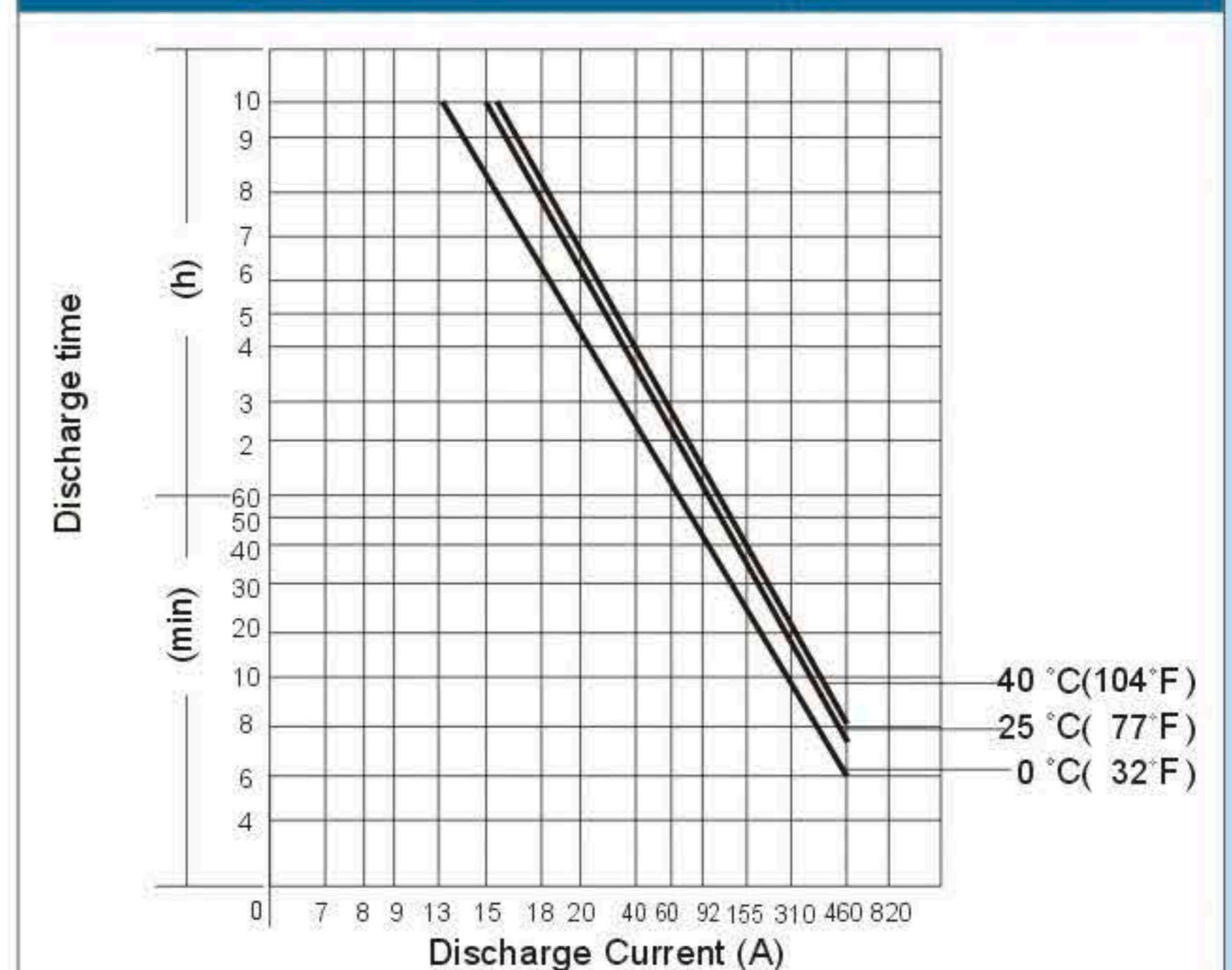




BP12-140(12V140AH)

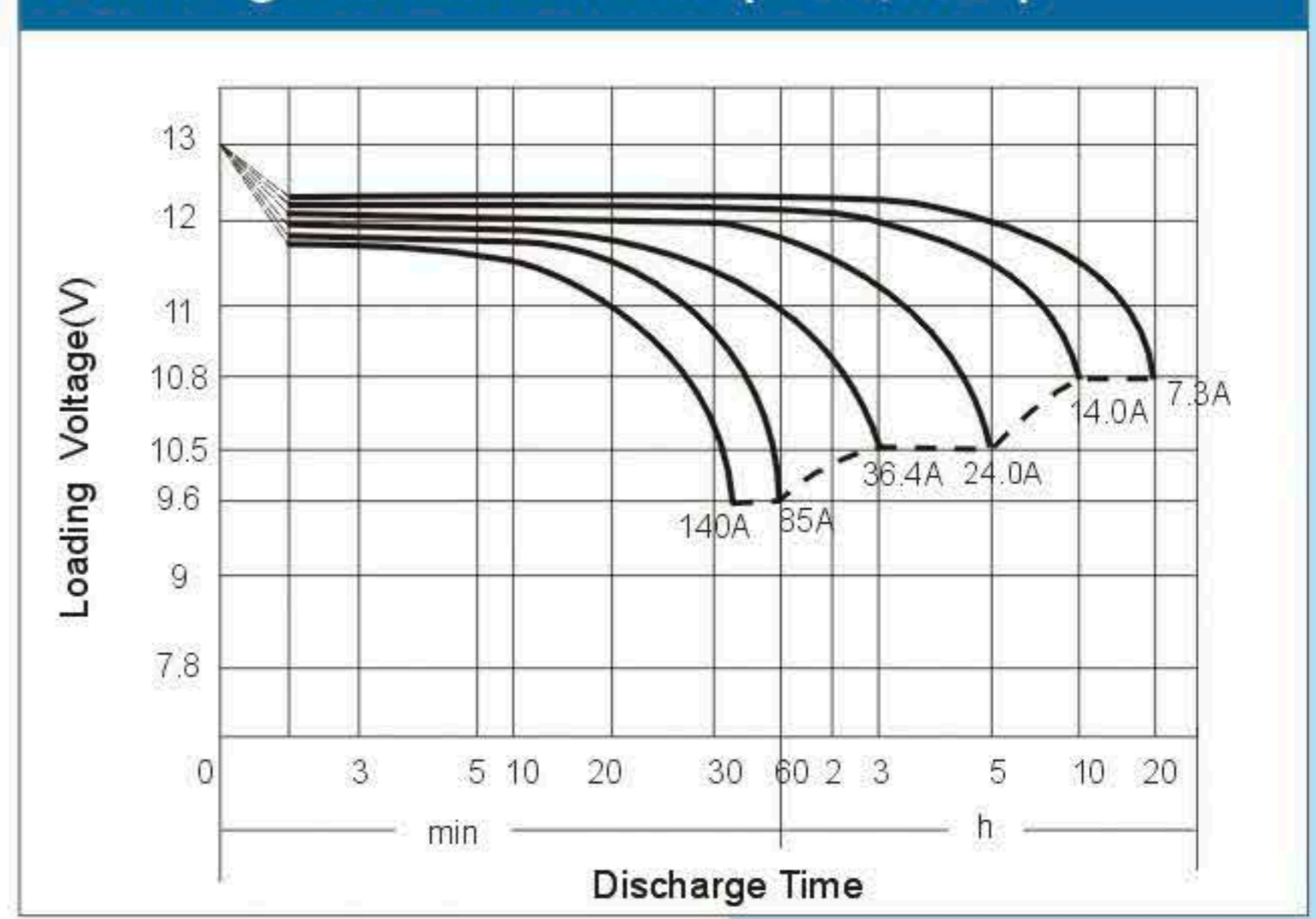


Discharging Current & Discharge Duration Time



Physical Specification		
Nominal Voltage	12V	
Nominal Capacity (10HR)	140AH	
Dimension	Length	344±3mm (13.54 inches)
	Width	171±2mm (6.73 inches)
	Container Height	274±2mm (10.79 inches)
	Total Height (with Cover)	280±2mm (11.02 inches)
Weight	Approx 46.3kg (102.1 lbs)	
Standard Terminal	T11	

Discharge Characteristics (25°C, 77°F)



Electrical Specification

Rated Capacity	20 hour rate (7.30 A)	146.0AH	Constant-Voltage	Cycle	Initial Charging Current less than 4.2A. Voltage 14.4V~15.0V at 25°C (77°F). Temp. Coefficient -30mV/°C
	10 hour rate (14.0 A)	140.0AH			
Capacity affected by Temperature	5 hour rate (24.0A)	120.0AH	Charge	Standby	No limit on Initial Charging Current Voltage 13.5V~13.8V at 25°C(77°F). Temp. Coefficient -20mV/°C
	3 hour rate (36.4A)	109.2AH			
	1 hour rate (85.0A)	85.0AH			
40°C (104°F)	103%				
25°C (77°F)	100%				
0°C (32°F)	86%				

Constant Current (Amp) and Constant Power (Watt) Discharge Table (25°C, 77°F)

Amp/Watt/Cell	Time(minute)	10	15	20	30	45	60	120	180	240	300	360	480	600	1200
	Final voltage	1.3	1.3	1.3	1.6	1.6	1.6	1.7	1.75	1.75	1.75	1.75	1.8	1.8	1.8
A		341.1	259.3	204.7	151.2	108.1	85.0	49.5	36.4	29.6	24.0	21.3	16.7	14.0	7.30
W		579.8	453.6	366.8	275.7	200.5	159.8	94.7	70.4	57.4	46.5	41.7	32.9	27.7	14.4