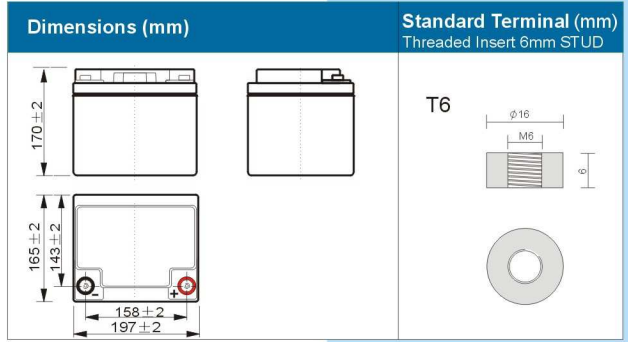
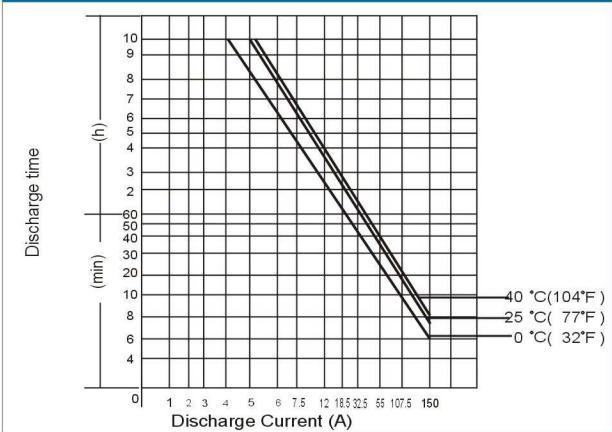




BP12-50(12V50AH)



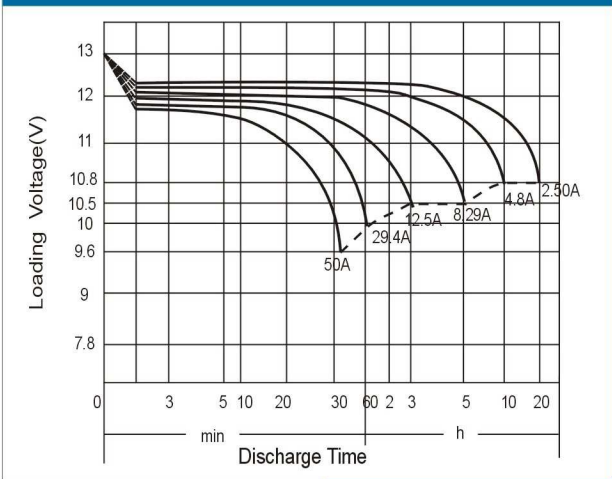
Discharging Current & Discharge Duration Time



PHYSICAL SPECIFICATION

Nominal Voltage		12V
Nominal Capacity (10HR)		50AH
Dimension	Length	197±2mm (7.76 inches)
	Width	165±2mm (6.50 inches)
	Container Height	170±2mm (6.69 inches)
	Total Height (with Cover)	170±2mm (6.69 inches)
Weight		Approx 14.5kg (31.97lbs)
Standard Terminal		Threaded Insert 6mm STUD

Discharge Characteristics (25°C, 77°F)



Electrical Specification

Rated Capacity	20 hour rate (2.50A)		Cycle	Initial Charging Current less than 15.0A. Voltage 14.4V~15.0V at 25°C (77°F) Temp. Coefficient -30mV/°C
	10 hour rate (4.80A)	50.0AH		
5 hour rate (8.29A)	41.4AH	37.5AH	Standby	
3 hour rate (12.5A)	29.5AH			
Capacity affected by Temperature	40°C (104°F)	103%		No limit on Initial Charging Current Voltage 13.5V~13.8V at 25°C(77°F) Temp. Coefficient -20mV/°C
	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	1.30	1.30	1.30	1.60	1.60	1.67	1.70	1.75	1.75	1.75	1.75	1.80	1.80	1.80
A		117.4	89.26	70.46	52.05	37.21	29.40	17.0	12.5	10.2	8.29	7.32	5.735	4.8	2.50
W		199.6	156.1	126.4	94.90	69.02	96.67	32.63	24.2	19.7	16.0	14.3	11.32	9.543	4.964