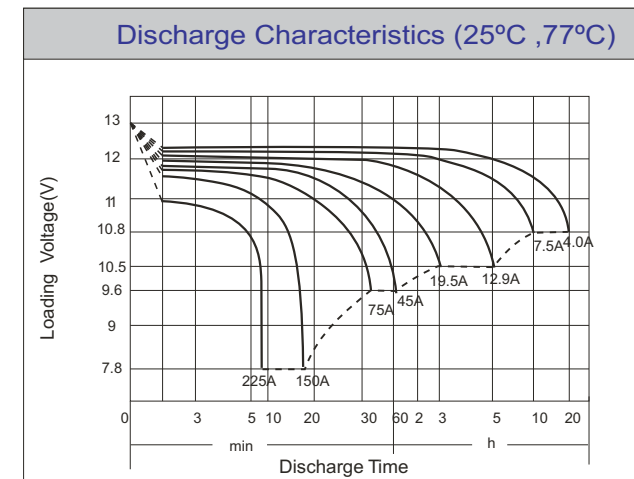
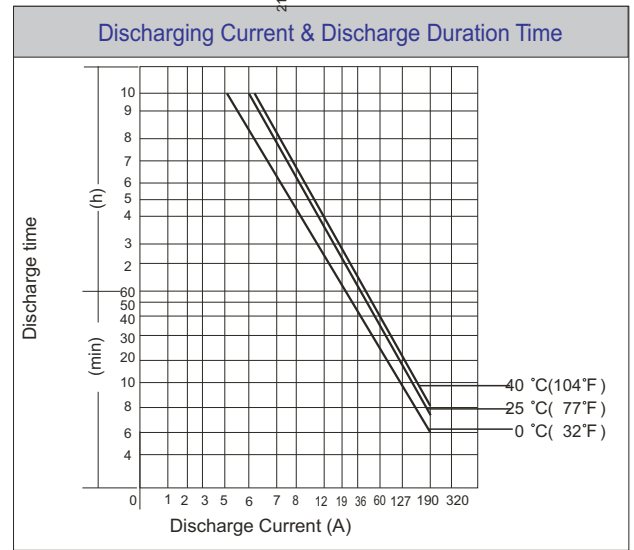
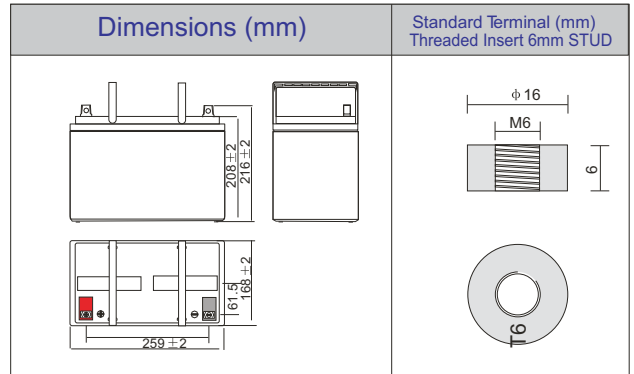


PG12V80

VRLA Sealed Long Life Battery



Physical Specification		
Nominal Voltage	12V	
Nominal Capacity (20HR)	80AH	
Dimension	Length	259 ± 2mm (10.20 inches)
	Width	168 ± 2mm (6.61 inches)
	Container Height	208 ± 2mm (8.19 inches)
	Total Height (with terminal)	216 ± 2mm (8.50 inches)
Weight	Approx 25kg (55.1 lbs)	
Standard Terminal	T6 Threaded Insert 6mm STUD	

Electrical Specification					
Rated Capacity	20 hour rate (3.25A)	80.0AH	Constant-Voltage	Cycle	Initial Charging Current less than 22.5AVoltage 14.4V~ 15.0V at 25°C (77°F) Temp. Coefficient -30mV/°C
	10 hour rate (6.0A)	75.0AH			
	5 hour rate (10.3A)	64.5AH			
	3 hour rate (15.6A)	58.5AH			
Capacity affected by Temperature	1 hour rate (36A)	45AH	Charge	Standby	No Limit on Initial Charging Current Voltage 13.5V~13.8V at 25°C(77°F) Temp. Coefficient - 20mV/°C
	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)														
Time(minute) Final voltage	10	15	20	30	45	60	120	180	240	300	360	480	600	1200
	Amp/Watt/Cell													
Amps	187.5	142.5	112.5	86.3	60.0	45.0	26.3	19.5	15.0	12.9	11.4	8.9	7.5	4.0
W/Cell	352.5	270.0	220.5	162.8	119.3	89.1	52.2	38.9	29.9	25.7	22.8	17.9	15.0	8.0