

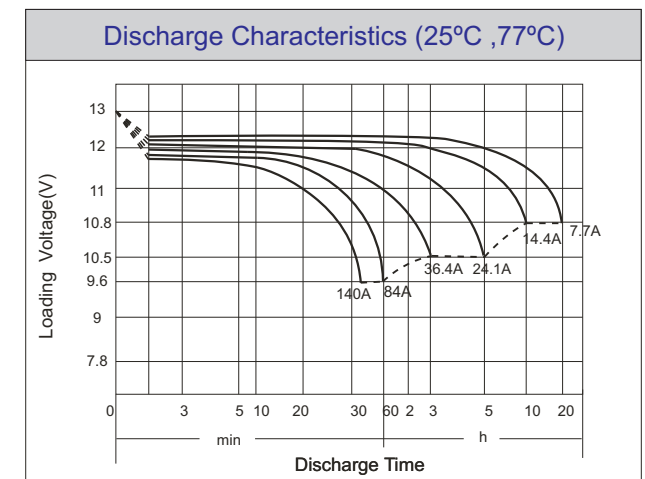
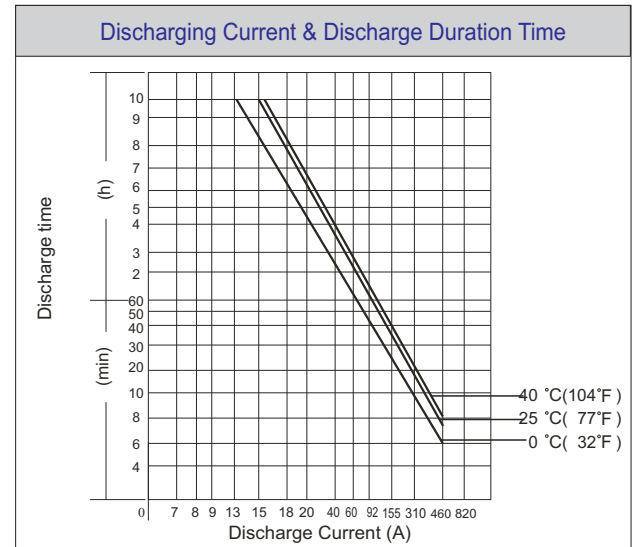
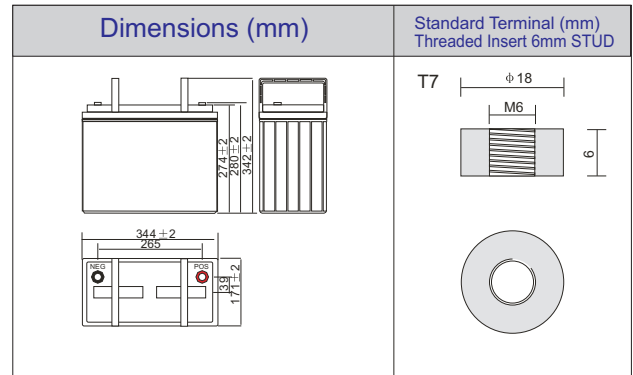


**POWER-GUARD SERIES®**



**PG12V150**

VRLA Sealed Long Life Battery



Physical Specification		
Nominal Voltage	12V	
Nominal Capacity (20 HR)	154 AH	
Dimension	Length	344 ± 3mm (13.5 inches)
	Width	171 ± 2mm (6.73 inches)
	Container Height	274 ± 2mm (10.79 inches)
	Total Height (with Terminal)	280 ± 2mm (11.02 inches)
Weight	Approx 46.3kg (102lbs)	
Standard Terminal	T7 Threaded Insert 6mm STUD	

Electrical Specification					
Rated Capacity	20 hour rate (7.7 A)	154AH	Constant-Voltage	Cycle	Initial Charging Current less than 45A. Voltage 14.4V~ 15.0V at 25°C (77°F) Temp. Coefficient -30mV/C
	10 hour rate (14.4 A)	144AH			
	5 hour rate (24.1A)	120.4AH			
	3 hour rate (36.4A)	109.2AH			
	1 hour rate (84A)	84AH			
Capacity affected by Temperature	40°C (104°F)	103%	Charge	Standby	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)														
Time(minute) Final voltage	10	15	20	30	45	60	120	180	240	300	360	480	600	1200
	1.3	1.3	1.3	1.6	1.6	1.67	1.7	1.75	1.75	1.75	1.75	1.8	1.8	1.8
Amp/Watt/Cell														
Amps	350.0	266.0	210.0	161.0	112.0	84.0	49.0	36.4	28.0	24.1	21.3	16.7	14.4	7.7
W/Cell	658.0	504.0	411.6	308.8	222.6	166.3	97.4	7.25	55.9	48.2	41.6	33.3	28.8	15.4