

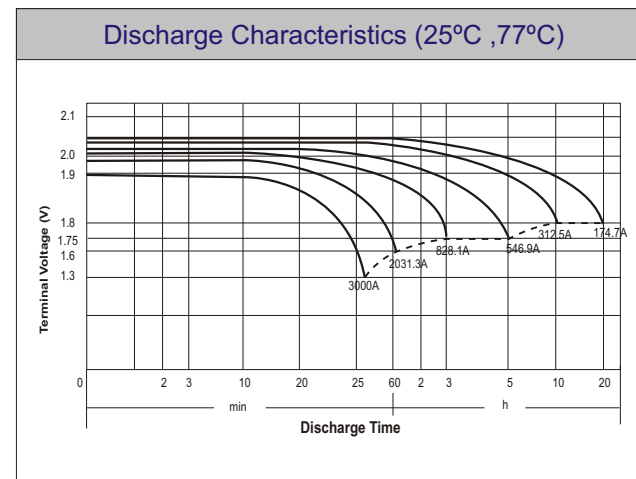
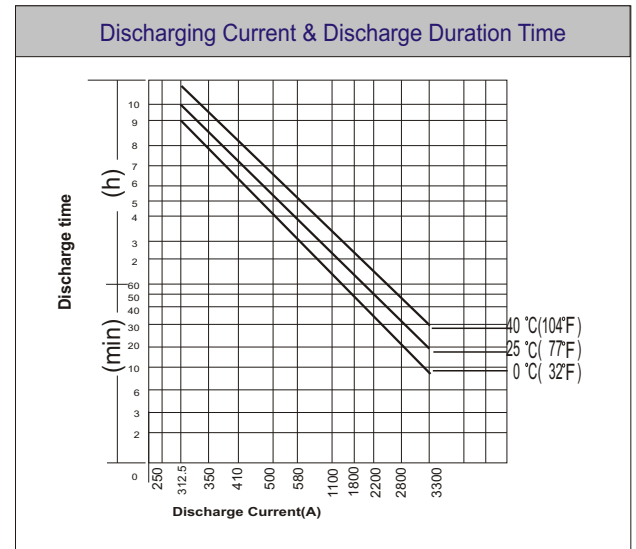
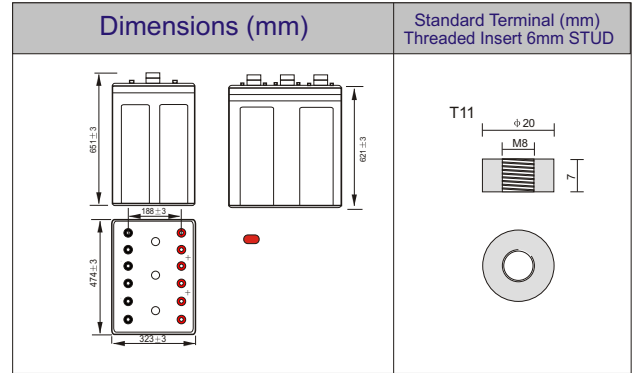


POWER-GUARD SERIES®



PG2V3500H

VRLA Sealed Long Life Battery



Physical Specification		
Nominal Voltage		2V
Nominal Capacity (20HR)		3494AH(H)
Dimension	Length	474 ± 3mm (18.66 inches)
	Width	323 ± 3mm (12.72 inches)
	Container Height	621 ± 3mm (24.45 inches)
	Total Height (with Terminal)	651 ± 3mm (25.63 inches)
Weight		Approx 212kg (467.76 lbs)
Standard Terminal		T11 Threaded Insert 8mm STUD

Electrical Specification					
Rated Capacity	20 hour rate (169.5A)	3494AH	Constant Voltage Charge	Cycle	Initial Charging Current less than 900A. Voltage 2.40V~ 2.50V at 25°C (77°F) Temp. Coefficient -5mV/°C
	10 hour rate (312.5 A)	3125AH			
	8 hour rate (375.0 A)	3000AH			
	5 hour rate (546.9 A)	2734.5AH			
	3 hour rate (828.1 A)	2484.3AH			
1 hour rate (2031.3A)	2031.3AH	Standby	No limit on Initial Charging Current Voltage 2.25V~2.30V at 25°C(77°F) Temp. Coefficient - 3mV/°C		
Capacity affected by Temperature	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)	30	45	60	120	180	240	300	360	480	600	1200
	Final voltage	1.3	1.3	1.6	1.7	1.75	1.75	1.75	1.75	1.8	1.8	1.8
Amps		3125.0	2187.5	2031.3	1125.0	828.1	656.3	546.9	484.4	375.0	312.5	174.7
W/Cell		5906.3	4343.8	4021.9	2237.5	1650.0	1309.4	1090.6	968.8	750.0	625.0	349.4