

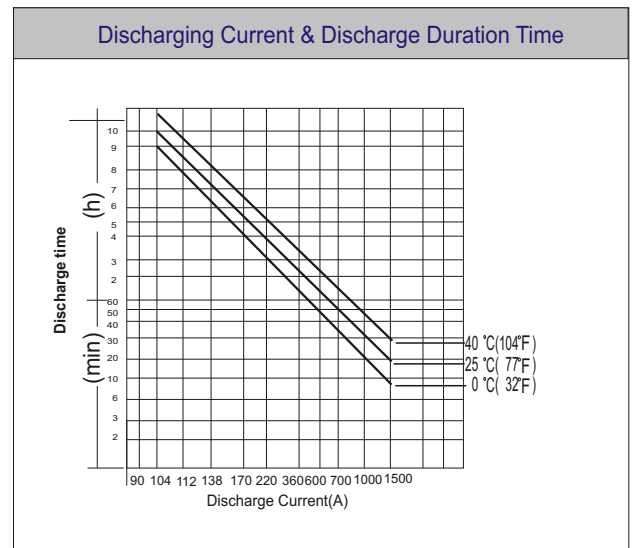
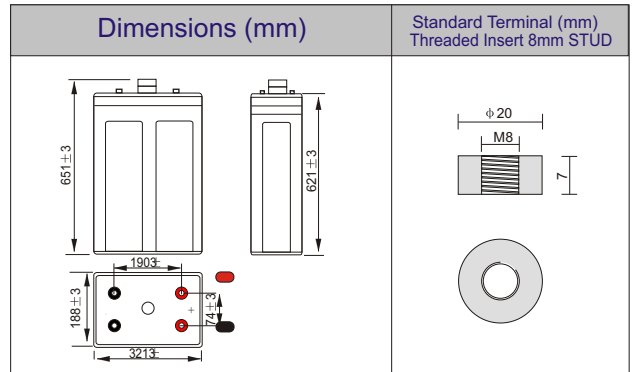


POWER-GUARD SERIES®

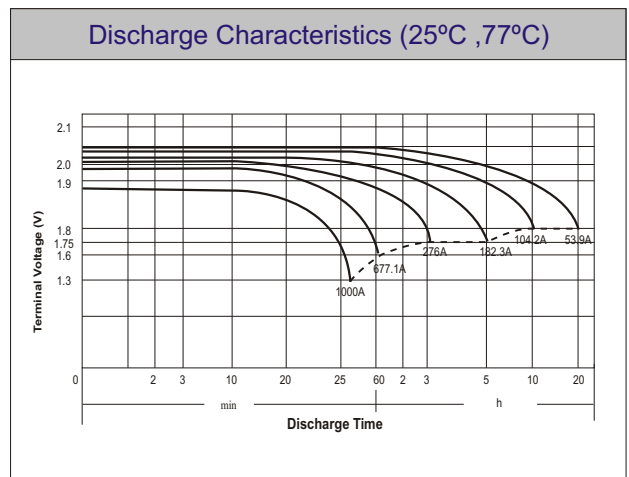


PG2V1100H

VRLA Sealed Long Life Battery



Physical Specification		
Nominal Voltage	2V	
Nominal Capacity (20HR)	1078AH(H)	
Dimension	Length	321 ± 3mm (12.64 inches)
	Width	188 ± 3mm (7.40 inches)
	Container Height	621 ± 3mm (24.45 inches)
	Total Height (with Terminal)	651 ± 3mm (25.63 inches)
Weight	Approx 66kg (145.62 lbs)	
Standard Terminal	T11 Threaded Insert 8mm STUD	



Electrical Specification					
Rated Capacity	20 hour rate (53.9 A)	1078 AH	Constant-Voltage Charge	Cycle	Initial Charging Current less than 300A. Voltage 2.40V~ 2.50V at 25°C (77°F) Temp. Coefficient -5mV/°C
	10 hour rate (104.2 A)	1042 AH			
	8 hour rate (125.0 A)	1000 AH			
	5 hour rate (182.3 A)	911.5 AH			
	3 hour rate (276.0 A)	828 AH			
1 hour rate (677.1 A)	677.1AH	Standby Charge	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)											
Time(minute) Final voltage	30	45	60	120	180	240	300	360	480	600	1200
Amp/Watt/Cell	1.3	1.3	1.6	1.7	1.75	1.75	1.75	1.75	1.8	1.8	1.8
Amps	1041.7	729.2	677.1	375.0	276.0	218.8	182.3	161.5	125.0	104.2	53.9
W/Cell	1968.8	1447.9	1340.6	745.8	550.0	436.5	363.5	322.9	250.0	208.3	107.8