

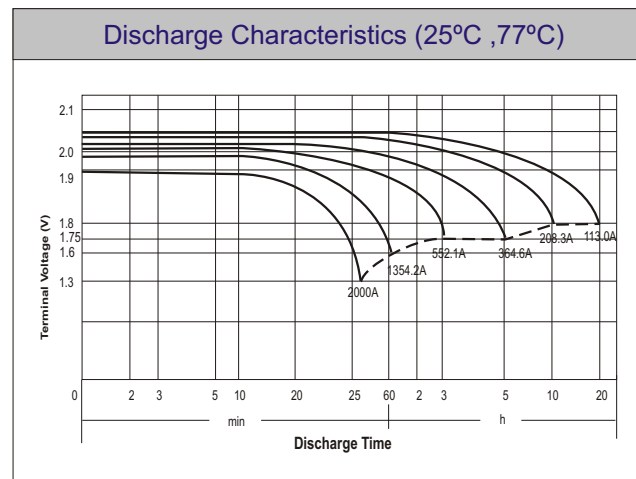
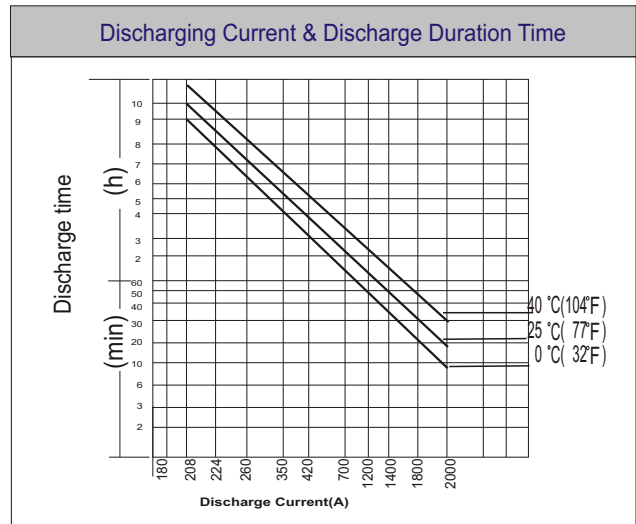
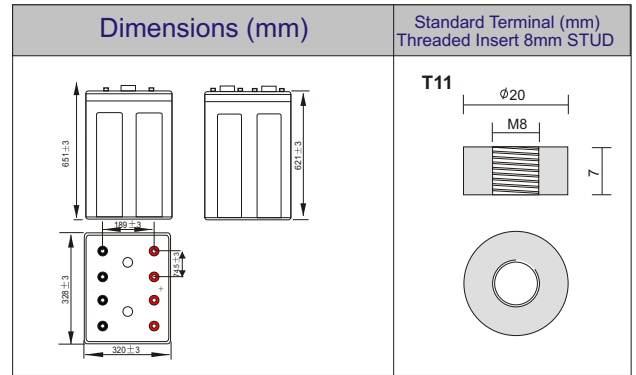


**POWER-GUARD SERIES®**



**PG2V2250H**

VRLA Sealed Long Life Battery



| Physical Specification  |                              |                          |
|-------------------------|------------------------------|--------------------------|
| Nominal Voltage         | 2V                           |                          |
| Nominal Capacity (20HR) | 2260AH(H)                    |                          |
| Dimension               | Length                       | 328 ± 3mm (12.91 inches) |
|                         | Width                        | 320 ± 3mm (12.60 inches) |
|                         | Container Height             | 621 ± 3mm (24.45 inches) |
|                         | Total Height (with Terminal) | 651 ± 3mm (25.63 inches) |
| Weight                  | Approx 136kg (300.1 lbs)     |                          |
| Standard Terminal       | T11 Threaded Insert 8mm STUD |                          |

| Electrical Specification         |                        |           |  |       |  |
|----------------------------------|------------------------|-----------|--|-------|--|
| Rated Capacity                   | 20 hour rate (113 A)   | 2260 AH   | Constant-Voltage Charge  | Cycle | Initial Charging Current less than 600A. Voltage 2.40V~2.50V at 25°C(77°F) Temp. Coefficient -5mV/°C |
|                                  | 10 hour rate (208.3 A) | 2083 AH   |  |       |  |
|                                  | 8 hour rate (250 A)    | 2000 AH   |  |       |  |
|                                  | 5 hour rate (364.6 A)  | 1823 AH   |  |       |  |
|                                  | 3 hour rate (552.1 A)  | 1656.3 AH |  |       |  |
| 1 hour rate (1354.2 A)           | 1354.2AH               | 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) |        |        |        |        |        |       |       |       |       |       |       |
|--|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| Time(minute)<br>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   | 2083.3 | 1458.3 | 1354.2 | 750.0  | 552.1  | 437.5 | 364.6 | 322.9 | 250.0 | 208.3 | 113.0 |
| W/Cell   | 3937.5 | 2895.8 | 2681.3 | 1491.7 | 1100.0 | 872.9 | 727.1 | 645.8 | 500.0 | 416.7 | 226.0 |