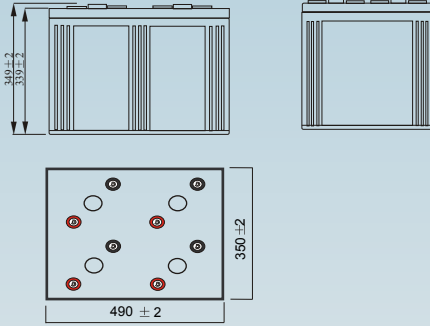


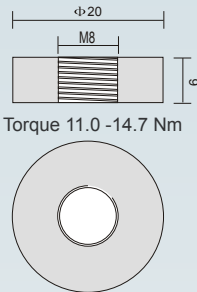
PG Range (VRLA) (15yr Design Life in Float Service at 20°C)

Dimensions (mm)



Standard terminal (mm)

T11 Threaded Insert 8mm Stud



Physical Specification

Nominal Voltage		2V
Nominal Capacity		2700 AH
Dimension	Length	350 ± 2 mm
	Width	490 + 2 mm
	Container Height	339 ± 2 mm
	Total Height (with terminal)	349 ± 2 mm
Weight		Approx 151.5kg
Standard Terminal		T11

PG-2V2700



Discharge Characteristics (25°C, 77°F)

Rated Capacity	20hRate(1.80V/cell)	2700.00AH	Constant Voltage Charge	Cycle	Initial Charging Current Less than 675.0A Voltage 2.4V ~ 2.5V at 25°C (77°F)
	10hRate(1.80V/cell)	2500.00AH			
Capacity Affected by Temperature	8hRate(1.75V/cell)	2452.00AH	Standby	Recommended Charge Current less than 675.0A Voltage 2.25V ~ 2.3V at 25°C (77°F)	
	5hRate(1.75V/cell)	2175.00AH			
	1hRate(1.60V/cell)	1550.00AH			
	40°C (104°F)	103%			
25°C (77°F)	100%				
0°C (32°F)	86%				

Internal Resistance mΩ

0.25mΩ

Constant Current Discharge (Amperes) at 25 °C (77°F)

F.V/Time	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	2925.0	2460.0	2182.5	1810.0	1396.7	1195.0	773.8	581.8	476.6	401.0	351.3	281.8	242.3	129.3
1.80V/cell	3346.9	2762.4	2413.0	1965.9	1506.7	1261.4	831.8	625.0	506.6	425.0	372.2	296.6	250.0	135.0
1.75V/cell	3801.4	3113.4	2666.7	2136.3	1643.3	1375.0	865.0	650.0	524.1	435.0	383.8	306.5	256.7	137.1
1.70V/cell	\	3454.2	2943.5	2332.3	1770.0	1455.0	911.3	684.2	547.5	460.0	402.3	319.4	266.6	140.6
1.65V/cell	\	3698.4	3131.4	2461.3	1873.3	1505.0	944.8	711.7	569.1	474.5	416.3	330.2	274.1	145.0
1.60V/cell	\	\	3401.8	2626.4	1946.7	1550.0	968.8	730.0	581.8	486.1	425.0	335.9	279.8	147.4

Constant Power Discharge (Watts/cell) at 25°C (77°F)

F.V/Time	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	5461.6	4639.6	4157.7	3486.1	2712.6	2328.9	1518.1	1145.6	941.4	794.1	697.6	562.1	484.3	258.6
1.80V/cell	6176.7	5140.6	4529.9	3728.9	2903.6	2445.3	1621.1	1223.9	995.3	837.8	736.2	589.7	499.0	267.2
1.75V/cell	6904.0	5723.4	4958.7	4019.0	3137.1	2653.5	1679.7	1267.9	1026.1	854.6	756.9	608.1	511.8	273.7
1.70V/cell	\	6262.5	5432.8	4363.8	3366.5	2799.0	1765.8	1332.1	1070.0	902.3	792.0	633.1	531.1	280.5
1.65V/cell	\	6654.1	5736.8	4567.7	3531.2	2874.6	1820.2	1379.7	1108.1	927.6	817.1	652.8	545.1	288.8
1.60V/cell	\	\	6165.0	4840.4	3650.0	2945.0	1857.5	1408.9	1129.2	946.9	831.7	662.8	555.6	293.1



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