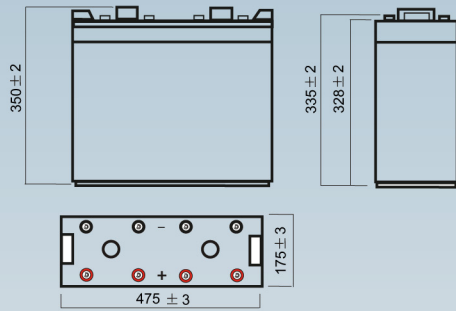
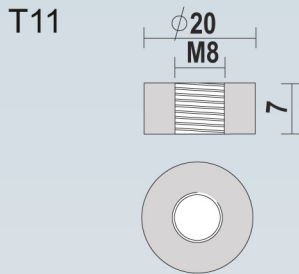


PG Range (VRLA) (15yr Design Life in Float Service at 20°C)

Dimensions (mm)



Standard terminal (mm)



Physical Specification

Nominal Voltage		2V
Nominal Capacity		1300 AH
Dimension	Length	475 ± 2 mm
	Width	175 ± 2 mm
	Container Height	328 ± 2 mm
	Total Height (with terminal)	350 ± 2 mm
Weight		Approx 74.6kg
Standard Terminal		T11

PG-2V1300



Discharge Characteristics (25°C, 77°F)

Rated Capacity	20hRate(1.80V/cell)	1284.00AH	Constant Voltage Charge	Cycle	Initial Charging Current Less than 325A Voltage 14.4V ~ 15.0V at 25°C (77°F)
	10hRate(1.80V/cell)	1200.00AH			
Capacity Affected by Temperature	8hRate(1.75V/cell)	1176.80AH	Standby	Recommended Charge Current less than 325A Voltage 13.5V ~ 13.8V at 15°C (77°F)	
	5hRate(1.75V/cell)	1044.00AH			
	1hRate(1.60V/cell)	744.00AH			
	40°C (104°F)	103%			
	25°C (77°F)	100%			
	0°C (32°F)	86%			

Internal Resistance mΩ

0.4 mΩ

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	1404.00	1180.80	1047.60	868.80	670.40	573.60	371.40	279.20	228.80	192.50	168.60	135.30	116.30	62.00
1.80V/cell	1606.50	1326.00	1158.20	943.60	723.20	605.50	399.20	300.00	243.20	204.00	178.70	142.40	120.00	64.20
1.75V/cell	1824.60	1494.40	1280.00	1025.40	788.80	660.00	415.20	312.00	251.60	208.80	184.20	147.10	123.20	65.80
1.70V/cell	\	1658.00	1412.90	1119.50	849.60	698.40	437.40	328.40	262.80	220.80	193.10	153.30	128.00	67.50
1.65V/cell	\	1775.20	1503.10	1181.40	899.20	722.40	453.50	341.60	273.20	227.80	199.80	158.50	131.50	69.60
1.60V/cell	\	\	1632.90	1260.60	934.40	744.00	465.00	350.40	279.20	233.30	204.00	161.30	134.30	70.70

Constant Power Discharge (Watts) 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	2621.5	2227.0	1995.7	1673.3	1302.1	1117.9	728.7	549.9	451.8	381.2	334.8	269.8	232.4	124.1
1.80V/cell	2964.8	2467.5	2174.3	1789.9	1393.8	1173.8	778.1	587.5	477.7	402.1	353.4	283.1	239.5	128.3
1.75V/cell	3313.9	2747.2	2380.2	1929.1	1505.8	1273.7	806.2	608.6	492.5	410.2	363.3	291.9	245.7	131.4
1.70V/cell	\	3006.0	2607.7	2094.6	1615.9	1343.5	847.6	639.4	513.6	433.1	380.2	303.9	254.9	134.6
1.65V/cell	\	3194.0	2753.7	2192.5	1695.0	1379.8	873.7	662.3	531.9	445.2	392.2	313.4	261.6	138.6
1.60V/cell	\	\	2959.2	2323.4	1752.0	1413.6	891.6	676.3	542.0	454.5	399.2	318.1	266.7	140.7



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