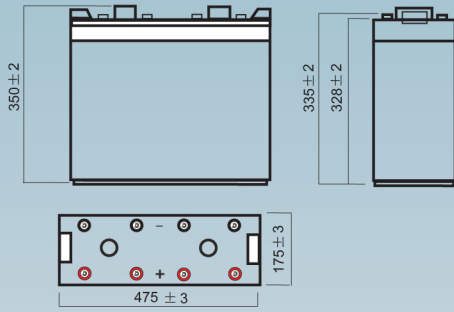


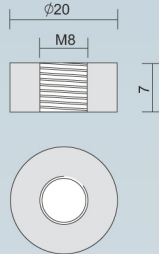
## PG Range (VRLA 15yr Life)

### Dimensions (mm)



### Standard terminal (mm)

#### T11 Threaded Insert 8mm STUD



### Physical Specification

Nominal Voltage		2V
Nominal Capacity		1100 AH
Dimension	Length	475 ± 2 mm
	Width	175 ± 2 mm
	Container Height	328 ± 2 mm
	Total Height (with terminal)	350 ± 2 mm
Weight		Approx 57.0kg
Standard Terminal		T11

## PG-2V1100



### Discharge Characteristics (25°C, 77°F)

Rated Capacity	20hr Rate (53.9A)	1078AH	Constant Voltage Charge	Cycle	Initial Charging Current Less than 275A Voltage 14.4V ~ 15.0V at 25°C (77°F)
	10hr Rate (101.5A)	1015AH			
Capacity Affected by Temperature	8hr Rate (125.0A)	1000AH	Standby	Recommended Charge Current less than 275A Voltage 13.5V ~ 13.8V at 15°C (77°F)	
	5hr Rate (175.5A)	877.5AH			
	1hr Rate (650.0A)	650.0AH			
Capacity Affected by Temperature	40°C (104°F)	103%	Constant Voltage Charge	Standby	Recommended Charge Current less than 275A Voltage 13.5V ~ 13.8V at 15°C (77°F)
	25°C (77°F)	100%			
	0°C (32°F)	86%			

### Internal Resistances m0hms

0.45m0hms

### Constant Current Discharge Characteristics Unit: Amperes (25°C, 77°F)

F.V(V/cell)	5min	10min	15min	20min	30min	45min	1H	2H	3H	4H	5H	6H	8H	10H	20H	24H	48H	72H	100H
1.85	/	/	/	/	704.2	533.2	502.4	314.4	245.0	194.7	159.2	139.3	115.8	95.8	51.9	43.7	22.6	15.47	11.47
1.80	/	/	/	/	831.0	620.2	562.7	343.1	263.7	207.9	171.0	149.4	122.9	101.5	53.9	45.8	23.3	15.94	11.82
1.75	/	/	/	/	862.7	643.6	588.7	355.9	268.5	212.5	175.5	153.5	125.0	102.5	54.4	46.2	23.6	16.14	11.97
1.70	/	/	/	/	897.9	669.3	607.3	370.0	276.0	218.2	179.9	156.7	126.8	103.5	55.4	47.1	23.8		
1.65	/	/	/	/	947.2	686.0	627.7	380.4	287.7	225.7	184.9	160.2	128.8	105.7	56.2	48.0	24.3		
1.60	/	/	/	/	1000.0	715.0	650.0	393.1	296.6	232.8	191.0	163.6	130.0	106.8	56.5	48.3	24.6		

### Constant Power Discharge Characteristics Unit: Watts (25°C, 77°F)

F.V(V/cell)	5mn	10mn	15mn	20mn	30mn	45mn	1H	2H	3H	4H	5H	6H	8H	10H	20H	24H	48H	72H	100H
1.85	/	/	/	/	1342.2	1024.9	972.0	610.6	477.3	380.5	312.0	273.9	228.7	189.6	102.8	86.6	44.9	30.74	22.83
1.80	/	/	/	/	1559.6	1177.8	1079.6	661.8	510.8	404.2	333.6	292.5	241.9	200.6	106.6	90.7	46.2	31.62	23.49
1.75	/	/	/	/	1605.7	1215.8	1124.3	684.0	518.4	411.8	341.3	299.6	245.5	202.3	107.5	91.4	46.7	31.97	23.73
1.70	/	/	/	/	1662.0	1259.6	1156.1	709.1	531.9	422.1	349.3	305.4	248.7	204.1	109.4	93.1	47.1		
1.65	/	/	/	/	1738.9	1279.4	1186.4	724.5	552.0	434.9	357.7	311.3	252.0	208.1	110.8	94.8	48.0		
1.60	/	/	/	/	1823.0	1326.3	1222.0	745.3	566.5	447.2	368.3	316.9	253.9	209.9	111.2	95.2	48.6		



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