

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

Dimensions (mm)

Standard terminal (mm)

T11 Threaded Insert 8mm Stud

Torque 11.0 - 14.7 Nm

Physical Specification

Nominal Voltage		2V
Nominal Capacity		1060 AH
Dimension	Length	475 ± 3 mm
	Width	175 ± 3 mm
	Container Height	328 ± 3 mm
	Total Height (with terminal)	350 ± 3 mm
Weight		Approx 66.0kg
Standard Terminal		T11

PG-2V1100

Discharge Characteristics (25°C, 77°F)

Rated Capacity	20hRate(1.80V/cell)	1060.00AH	Constant Voltage Charge	Cycle	Initial Charging Current Less than 275A Voltage 2.4V ~ 2.5V at 25°C (77°F)
	10hRate(1.80V/cell)	1000.00AH			
Capacity Affected by Temperature	8hRate(1.75V/cell)	971.20AH	Standby	Recommended Charge Current less than 275A Voltage 2.25V ~ 2.3V at 25°C (77°F)	
	5hRate(1.75V/cell)	862.50AH			
	1hRate(1.60V/cell)	605.00AH			
	40°C (104°F)	103%			
	25°C (77°F)	100%			
	0°C (32°F)	86%			

Internal Resistance mΩ

Approx 0.45mΩ

Constant Current Discharge (Amperes) at 25 °C (77°F)												
F.V/Time	15min	20min	30min	45min	1h	2h	3h	4h	5h	8h	10h	20h
1.85V/cell	943.8	836.4	696.3	550.8	460.6	303.3	229.9	186.8	158.5	112.2	96.2	51.2
1.80V/cell	1067.3	930.9	760.5	593.3	488.3	322.6	242.7	195.9	166.5	117.9	100.0	53.0
1.75V/cell	1205.2	1030.1	826.8	640.0	529.0	338.8	255.0	204.7	172.5	121.4	102.3	54.0
1.70V/cell	1334.6	1135.0	900.6	674.7	559.9	357.3	267.3	213.5	179.9	125.9	105.6	55.3
1.65V/cell	1424.6	1203.7	947.1	720.0	580.4	369.7	277.0	221.0	186.3	129.2	107.9	56.6
1.60V/cell	1580.1	1324.2	1022.8	750.7	605.0	383.5	286.3	228.0	192.9	132.7	110.8	57.9

Constant Power Discharge (Watts/cell) at 25°C (77°F)												
F.V/Time	15min	20min	30min	45min	1h	2h	3h	4h	5h	8h	10h	20h
1.85V/cell	1769.6	1584.2	1333.3	1063.7	892.6	591.6	450.1	367.0	312.2	222.4	191.1	101.8
1.80V/cell	1974.5	1737.3	1434.1	1136.9	941.3	625.2	472.5	382.8	326.4	232.9	198.3	105.3
1.75V/cell	2202.2	1904.2	1546.3	1214.7	1015.1	654.1	494.6	398.5	337.0	239.3	202.7	107.2
1.70V/cell	2405.0	2082.4	1675.1	1275.8	1070.9	688.3	517.6	414.9	350.9	247.8	208.8	109.5
1.65V/cell	2547.5	2192.0	1747.3	1349.3	1102.2	708.2	534.0	427.8	362.1	253.7	213.0	112.0
1.60V/cell	2779.0	2385.2	1873.8	1399.2	1142.8	731.1	549.5	440.0	373.6	260.1	218.4	114.5



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