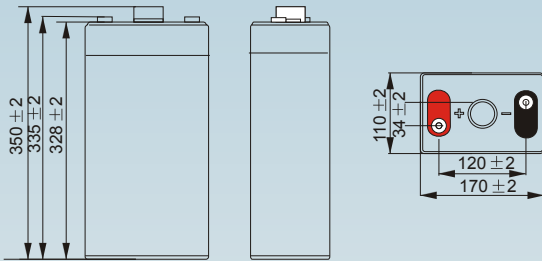


PG Range

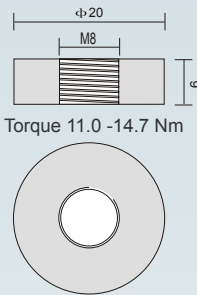
(15yr Design Life in Float Service at 20°C)

Dimensions (mm)



Standard terminal (mm)

T11 Threaded Insert 8mm Stud



Physical Specification

Nominal Voltage		2V
Nominal Capacity		270.0 AH
Dimension	Length	170 ± 2 mm
	Width	110 + 2 mm
	Container Height	328 ± 2 mm
	Total Height (with terminal)	350 ± 2 mm
Weight		Approx 14.5kg
Standard Terminal		T11

PG-2V270



Discharge Characteristics (25°C, 77°F)

Rated Capacity	20hRate(1.80V/cell)	270.00AH	Constant Voltage Charge	Cycle	Initial Charging Current Less than 67.5A Voltage 2.4V ~ 2.5V at 25°C (77°F)
	10hRate(1.80V/cell)	250.00AH			
Capacity Affected by Temperature	8hRate(1.75V/cell)	245.60AH	Standby	Recommended Charge Current less than 67.5A Voltage 2.25V ~ 2.3V at 25°C (77°F)	
	5hRate(1.75V/cell)	217.50AH			
	1hRate(1.60V/cell)	155.00AH			
	40°C (104°F)	103%			
25°C (77°F)	100%				
0°C (32°F)	86%				

Internal Resistance mΩ

1.0 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	292.5	246.0	218.3	181.0	139.7	119.5	77.4	58.2	47.7	40.1	35.1	28.2	24.2	12.9
1.80V/cell	334.7	276.2	241.3	196.6	150.7	126.1	83.2	62.5	50.7	42.5	37.2	29.7	25.0	13.5
1.75V/cell	380.1	311.3	266.7	213.6	164.3	137.5	86.5	65.0	52.4	43.5	38.4	30.7	25.7	13.7
1.70V/cell	429.3	345.4	294.3	233.2	177.0	145.5	91.1	68.4	54.8	46.0	40.2	31.9	26.7	14.1
1.65V/cell	461.0	369.8	313.1	246.1	187.3	150.5	94.5	71.2	56.9	47.5	41.6	33.0	27.4	14.5
1.60V/cell	\	405.1	340.2	262.6	194.7	155.0	96.9	73.0	58.2	48.6	42.5	33.6	28.0	14.7

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	546.2	464.0	415.8	348.6	271.3	232.9	151.8	114.6	94.1	79.4	69.8	56.2	48.4	25.9
1.80V/cell	617.7	514.1	453.0	372.9	290.4	244.5	162.1	122.4	99.5	83.8	73.6	59.0	49.9	26.7
1.75V/cell	690.4	572.3	495.9	401.9	313.7	265.3	168.0	126.8	102.6	85.5	75.7	60.8	51.2	27.4
1.70V/cell	762.3	626.2	543.3	436.4	336.7	279.9	176.6	133.2	107.0	90.2	79.2	63.3	53.1	28.0
1.65V/cell	811.2	665.4	573.7	456.8	353.1	287.5	182.0	138.0	110.8	92.8	81.7	65.3	54.5	28.9
1.60V/cell	\	716.9	616.5	484.0	365.0	294.5	185.7	140.9	112.9	94.7	83.2	66.3	55.6	29.3



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