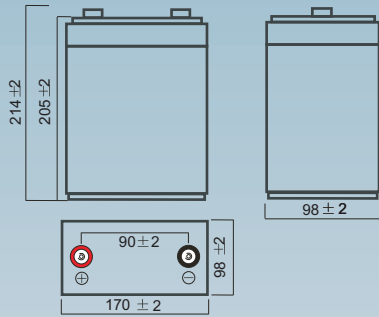


PG Range

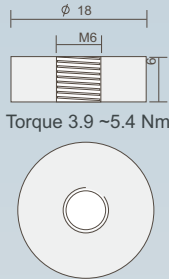
(15yr Design Life in Float Service at 20°C)

Dimensions (mm)



Standard terminal (mm)

T7 Threaded Insert 6mm Stud



Physical Specification

Nominal Voltage		2V
Nominal Capacity		160 AH
Dimension	Length	170 ± 2 mm
	Width	98 ± 2 mm
	Container Height	205 ± 2 mm
	Total Height (with terminal)	214 ± 2 mm
Weight		Approx 8.5kg
Standard Terminal		T7

PG-2V160

IMAGE COMING SOON

Discharge Characteristics (25°C, 77°F)

Rated Capacity	20hr Rate(1.80V/cell)	160.0 AH	Constant Voltage Charge	Cycle	Initial Charging Current Less than 40.0A Voltage 2.4V ~ 2.5V at 25°C (77°F)
	10hr Rate(1.80V/cell)	150.0 AH			
Capacity Affected by Temperature	5hr Rate(1.75V/cell)	133.0 AH	Constant Voltage Charge	Standby	Recommended Charge Current less than 40.0A Voltage 2.25V ~ 2.3V at 25°C (77°F)
	3hr Rate(1.75V/cell)	115.8 AH			
	1hr Rate(1.60V/cell)	90.1 AH			
	40°C (104°F)	103%			
	25°C (77°F)	100%			
	0°C (32°F)	86%			

Internal Resistance mΩ

1.1 mΩ

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

F.V./Time	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	150.9	135.9	112.6	90.2	75.2	46.7	35.6	29.1	24.8	21.6	17.3	14.4	7.73
1.80V/cell	171.5	151.4	120.8	94.9	78.7	48.8	37.4	30.4	25.8	22.6	18.1	15.0	8.00
1.75V/cell	188.4	163.2	127.9	99.8	82.1	50.7	38.6	31.4	26.6	23.2	18.4	15.2	8.04
1.70V/cell	201.2	174.6	134.2	103.6	85.0	52.7	39.8	32.1	27.1	23.6	18.8	15.4	8.13
1.65V/cell	212.0	183.2	140.8	108.1	88.0	54.5	40.7	32.8	27.7	24.0	19.0	15.6	8.21
1.60V/cell	222.2	189.9	145.6	111.0	90.1	55.5	41.4	33.3	28.1	24.3	19.3	15.8	8.27

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

F.V./Time	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	285.7	258.5	215.1	173.5	145.5	90.7	69.6	57.1	48.8	42.8	34.4	28.7	15.4
1.80V/cell	320.5	284.9	228.9	181.3	151.3	94.4	72.6	59.4	50.7	44.5	35.8	29.8	15.9
1.75V/cell	347.2	303.5	240.6	189.6	157.2	97.8	74.9	61.2	52.0	45.4	36.4	30.1	16.0
1.70V/cell	366.9	322.0	250.3	195.3	161.9	101.2	76.9	62.3	52.8	46.2	37.0	30.5	16.1
1.65V/cell	381.8	334.2	260.6	202.7	166.7	104.1	78.3	63.5	53.7	46.8	37.4	30.8	16.3
1.60V/cell	393.6	342.6	266.9	206.2	169.5	105.5	79.2	64.1	54.3	47.3	37.9	31.2	16.4



Power-Sonic Europe Limited
 3 Buckingham Square, Wickford, Essex, SS11 8YQ
 Tel: +44 (0)1268 560686 Fax: +44 (0)1268 560902
 sales@power-sonic.co.uk
 www.power-sonic.co.uk