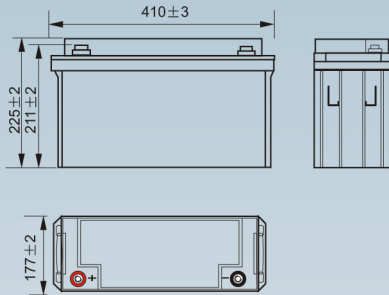


PG Range

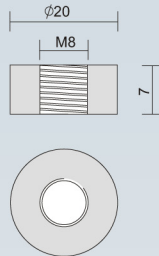
(12yr Design Life in Float Service at 20°C)

Dimensions (mm)



Standard terminal (mm)

T11 Threaded Insert 8mm STUD



Physical Specification

Nominal Voltage		12V
Nominal Capacity		130.0 AH
Dimension	Length	410 ± 2 mm
	Width	177 + 2 mm
	Container Height	225 ± 2 mm
	Total Height (with terminal)	225 ± 2 mm
Weight		Approx 37.6kg
Standard Terminal		T11

PG12V130



Discharge Characteristics (25°C, 77°F)

Rated Capacity	20hr Rate(1.80v/cell)	126.00AH	Constant Voltage Charge	Cycle	Initial Charging Current Less than 32.5A Voltage 14.4V ~ 15.0V at 25°C (77°F)
	10hr Rate(1.80v/cell)	120.00AH			
Capacity Affected by Temperature	5hr Rate(1.75v/cell)	104.50AH	Standby	Recommended Charge Current less than 32.5A Voltage 13.5V ~ 13.8V at 15°C (77°F)	
	3hr Rate(1.75v/cell)	92.70AH			
	1hr Rate(1.60v/cell)	72.90AH			
	40°C (104°F)	103%			
	25°C (77°F)	100%			
	0°C (32°F)	86%			

Internal Resistance mΩ

4.0 mΩ

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

F.V./Time	15min	20min	30min	45min	1h	2h	3h	4h	5h	8h	10h	20h	48h	100h
1.85V/cell	136.5	113.4	88.1	69.8	56.5	36.8	27.8	22.7	19.2	13.4	11.5	6.11	2.75	1.35
1.80V/cell	151.3	124.7	95.0	74.1	59.5	39.1	29.3	23.8	20.2	14.1	12.0	6.30	2.79	1.38
1.75V/cell	167.9	136.6	102.2	79.2	64.2	41.0	30.9	24.9	20.9	14.5	12.3	6.43	2.84	1.39
1.70V/cell	183.4	149.2	112.3	82.7	67.8	43.2	32.4	25.9	21.8	15.0	12.6	6.56	2.87	1.41
1.65V/cell	194.2	157.5	118.3	87.8	70.1	44.7	33.6	26.8	22.6	15.4	12.9	6.71	2.92	1.43
1.60V/cell	212.9	171.0	125.8	91.0	72.9	46.6	34.7	27.7	23.3	15.9	13.2	6.87	2.97	1.45

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

F.V./Time	15min	20min	30min	45min	1h	2h	3h	4h	5h	8h	10h	20h	48h	100h
1.85V/cell	256.1	214.9	168.8	134.8	109.8	71.8	54.4	44.7	37.9	26.6	22.9	12.2	5.50	2.71
1.80V/cell	280.1	232.9	179.3	141.4	114.8	75.9	57.0	46.6	39.6	27.9	23.8	12.5	5.57	2.76
1.75V/cell	306.9	252.7	191.3	150.4	123.2	79.2	60.0	48.5	40.9	28.6	24.3	12.8	5.65	2.77
1.70V/cell	330.7	273.9	209.0	156.5	129.7	83.2	62.8	50.4	42.5	29.7	25.1	13.0	5.71	2.81
1.65V/cell	348.8	288.0	219.3	165.4	133.7	85.9	64.9	52.1	43.9	30.4	25.6	13.3	5.80	2.85
1.60V/cell	374.6	308.2	230.5	169.8	137.8	88.7	66.7	53.4	45.2	31.1	26.1	13.6	5.90	2.87



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