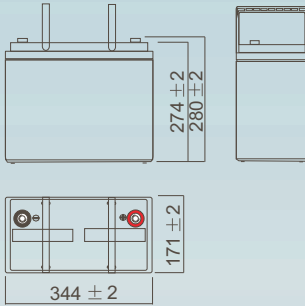


PG Range

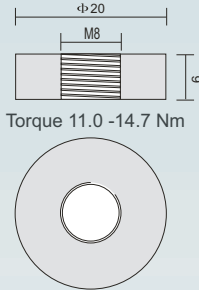
(12yr Design Life in Float Service at 20°C)

Dimensions (mm)



Standard terminal (mm)

T11 Threaded Insert 8mm Stud



Physical Specification

Nominal Voltage		12V
Nominal Capacity		150.0 AH
Dimension	Length	344 ± 2 mm
	Width	171 ± 2 mm
	Container Height	274 ± 2 mm
	Total Height (with terminal)	280 ± 2 mm
Weight		Approx 45.5kg
Standard Terminal		T11
Case and Cover Material		ABS (UL94-HB)

PG12V150



Operating Temperature Range

Storage (In fully charged condition)	- 20°C to + 60°C
Charge	- 15°C to + 50°C
Discharge	- 20°C to + 60°C

Discharge Characteristics (25°C, 77°F)

Rated Capacity	20hr Rate(1.80V/cell) 10hr Rate(1.80V/cell) 5hr Rate(1.75V/cell) 3hr Rate(1.75V/cell) 1hr Rate(1.60V/cell)	149.8AH 140.0AH 122.0AH 109.2AH 86.8AH	Constant Voltage Charge	Cycle	Initial Charging Current Less than 37.5A Voltage 14.4V ~ 15.0V at 25°C (77°F)

Internal Resistance mΩ

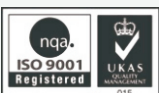
Approx 4.0 mΩ

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

F.V(V/cell)	10min	15min	20min	30min	45min	1H	2H	3H	4H	5H	6H	8H	10H	20H
1.85	163.8	137.8	122.2	101.4	78.2	66.9	43.3	32.6	26.7	22.5	19.7	15.8	13.6	7.24
1.80	187.4	154.7	135.1	110.1	84.4	70.6	46.6	35.0	28.4	23.8	20.8	16.6	14.0	7.49
1.75	212.9	174.4	149.3	119.6	92.0	77.0	48.4	36.4	29.3	24.4	21.5	17.2	14.4	7.68
1.70	240.4	193.4	164.8	130.6	99.1	81.5	51.0	38.3	30.7	25.8	22.5	19.9	14.9	7.88
1.65	258.2	207.1	175.4	137.8	104.9	84.3	52.9	39.9	31.9	26.6	23.3	18.5	15.3	8.12
1.60	284.0	226.8	190.5	147.1	109.0	86.8	54.3	40.9	32.6	27.2	23.8	18.8	15.7	8.25

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

F.V(V/cell)	10min	15min	20min	30min	45min	1H	2H	3H	4H	5H	6H	8H	10H	20H
1.85	305.8	259.8	232.8	195.2	151.9	130.4	85.0	64.2	52.7	44.5	39.1	31.5	27.1	14.5
1.80	345.9	287.9	253.7	208.8	162.6	136.9	90.8	68.5	55.7	46.9	41.2	33.0	27.9	15.0
1.75	386.6	320.5	277.7	225.1	175.7	148.6	94.1	71.0	57.5	47.9	42.4	34.1	28.7	15.3
1.70	426.9	350.7	304.2	244.4	188.5	156.7	98.9	74.6	59.9	50.5	44.4	35.5	29.7	15.7
1.65	454.3	372.6	321.3	255.8	197.7	161.0	101.9	77.3	62.1	51.9	45.8	36.6	30.5	16.2
1.60	488.5	401.5	345.2	271.1	204.4	164.9	104.0	78.9	63.2	53.0	46.6	37.1	31.1	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