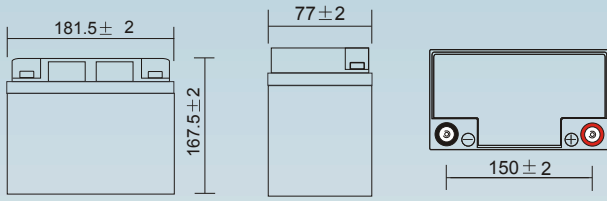


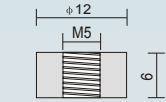
PS Range
(5yr Design Life in Float Service at 20°C)

Dimensions (mm)



Standard terminal (mm)

T12 Threaded Insert 5mm Stud



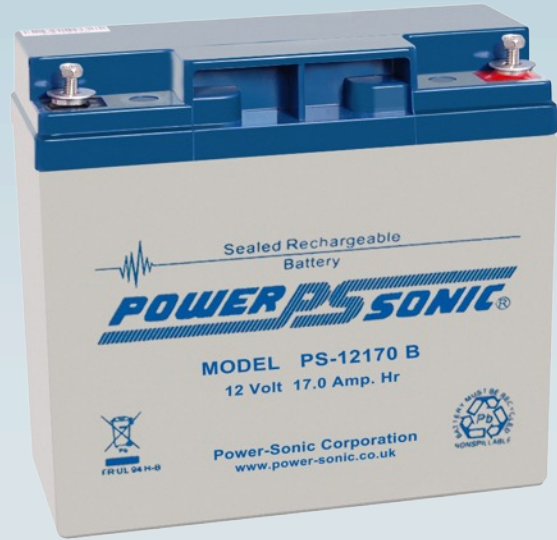
Torque 2.0 -3.0 Nm



Physical Specification

Nominal Voltage		12V
Nominal Capacity		17.0 AH
Dimension	Length	181.5 ± 2 mm
	Width	77.0 ± 2 mm
	Container Height	167.5 ± 2 mm
	Total Height (with terminal)	167.5 ± 2 mm
Weight		Approx 5.4kg
Standard Terminal		T12

PS-12170 12V 17AH



Discharge Characteristics (25°C, 77°F)

Rated Capacity	20hr Rate(1.80V/cell)	18.0AH	Constant Voltage Charge	Cycle	Initial Charging Current Less than 4.25A Voltage 14.40V ~ 15.0V at 25°C (77°F)
	10hr Rate(1.80V/cell)	16.7AH			
Capacity Affected by Temperature	5hr Rate(1.75V/cell)	15.1AH	Constant Voltage Charge	Standby	Recommended Charge Current less than 4.25A Voltage 13.5V ~ 13.8V at 25°C (77°F)
	3hr Rate(1.75V/cell)	13.5AH			
	1hr Rate(1.60V/cell)	11.1AH			
Capacity Affected by Temperature	40°C (104°F)	103%	Constant Voltage Charge	Standby	Recommended Charge Current less than 4.25A Voltage 13.5V ~ 13.8V at 25°C (77°F)
	25°C (77°F)	100%			
	0°C (32°F)	86%			

Internal Resistance mΩ

Approx 16.0 mΩ

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

F.V/Time	5min	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	33.9	25.6	22.7	19.9	15.3	11.4	9.11	5.51	4.13	3.35	2.84	2.47	1.96	1.63	0.884
1.80V/cell	40.8	30.2	25.9	22.1	16.7	12.2	9.79	5.85	4.34	3.51	2.94	2.55	2.02	1.67	0.900
1.75V/cell	45.8	33.0	27.8	23.4	17.4	12.8	10.2	6.07	4.49	3.60	3.03	2.62	2.06	1.70	0.918
1.70V/cell	49.9	35.4	29.7	24.7	18.1	13.2	10.6	6.27	4.63	3.69	3.09	2.67	2.09	1.72	0.929
1.65V/cell	53.8	37.7	31.1	25.8	18.9	13.8	10.9	6.44	4.73	3.77	3.14	2.71	2.12	1.74	0.938
1.60V/cell	57.9	39.6	31.9	26.4	19.3	14.0	11.1	6.59	4.82	3.84	3.20	2.74	2.15	1.76	0.945

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

F.V/Time	5min	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	64.0	48.8	43.6	38.5	29.8	22.3	17.9	10.9	8.21	6.68	5.68	4.95	3.95	3.29	1.79
1.80V/cell	76.3	57.2	49.5	42.7	32.4	23.9	19.2	11.5	8.59	6.98	5.86	5.09	4.04	3.36	1.81
1.75V/cell	84.8	62.0	52.8	44.8	33.6	24.9	20.0	11.9	8.87	7.14	6.02	5.21	4.11	3.39	1.82
1.70V/cell	91.1	65.6	55.7	46.8	34.7	25.6	20.6	12.2	9.06	7.25	6.08	5.27	4.15	3.42	1.83
1.65V/cell	96.6	68.8	57.5	48.4	35.8	26.3	21.0	12.5	9.19	7.35	6.15	5.32	4.18	3.43	1.84
1.60V/cell	101.5	70.8	58.0	48.7	36.0	26.5	21.3	12.7	9.31	7.45	6.22	5.33	4.21	3.45	1.85

