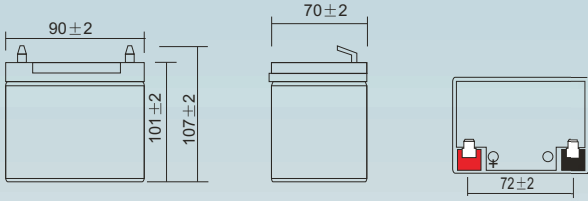


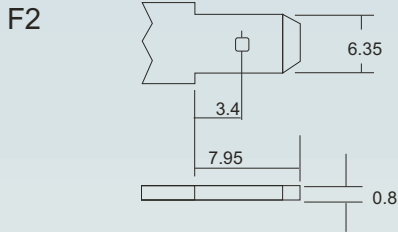
## PG Range

(6yr Design Life in Float Service at 20°C)

### Dimensions (mm)



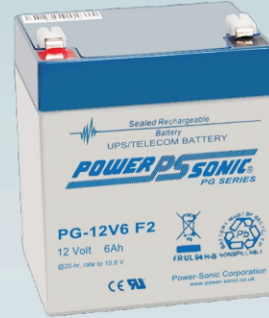
### Standard terminal (mm)



### Physical Specification

Nominal Voltage		12V
Nominal Capacity		6.0 AH
Dimension	Length	90 ± 2 mm
	Width	70 + 2 mm
	Container Height	101 ± 2 mm
	Total Height (with terminal)	107 ± 2 mm
Weight		Approx 1.77kg
Standard Terminal		F2 (standard)
Case and Cover Material		ABS (UL94-HB)

## PG12V6



### 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	20hRate(1.80V/cell)		Constant Voltage Charge	Cycle	Initial Charging Current Less than 1.5A Voltage 14.4V ~ 15.0V at 25°C (77°F)
	10hRate(1.80V/cell)	5.80AH			
Capacity Affected by Temperature	40°C (104°F)	103%	Standby	Recommended Charge Current less than 1.5A Voltage 13.5V ~ 13.8V at 15°C (77°F)	
	25°C (77°F)	100%			
	0°C (32°F)	86%			

### Internal Resistance mΩ

Approx 25mΩ

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

F.V(V/cell)	5min	10min	15min	20min	30min	45min	1H	2H	3H	4H	5H	6H	8H	10H	20H
1.85	11.5	8.03	5.74	5.74	4.61	3.54	2.90	1.77	1.35	1.11	0.941	0.815	0.648	0.539	0.287
1.80	14.2	9.58	6.50	6.50	5.10	3.86	3.12	1.88	1.42	1.17	0.982	0.851	0.672	0.551	0.290
1.75	16.8	10.80	7.07	7.07	5.45	4.10	3.28	1.96	1.47	1.20	1.010	0.872	0.690	0.569	0.293
1.70	19.0	12.00	7.60	7.60	5.72	4.26	3.42	2.04	1.52	1.23	1.030	0.893	0.701	0.578	0.298
1.65	21.0	12.90	7.97	7.97	5.96	4.43	3.56	2.10	1.55	1.26	1.060	0.910	0.712	0.586	0.303
1.60	22.0	13.40	8.23	8.23	6.13	4.53	3.64	2.17	1.59	1.29	1.080	0.928	0.727	0.596	0.304

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

F.V(V/cell)	5min	10min	15min	20min	30min	45min	1H	2H	3H	4H	5H	6H	8H	10H	20H
1.85	21.7	15.3	12.7	11.1	8.99	6.95	5.71	3.50	2.68	2.21	1.88	1.63	1.30	1.09	0.580
1.80	26.4	18.1	14.6	12.5	9.88	7.53	6.11	3.70	2.80	2.31	1.95	1.70	1.34	1.12	0.583
1.75	30.9	20.2	16.0	13.5	10.50	7.95	6.40	3.84	2.88	2.37	1.99	1.73	1.37	1.13	0.585
1.70	34.7	22.1	17.2	14.4	10.90	8.21	6.63	3.98	2.96	2.41	2.03	1.76	1.38	1.14	0.592
1.67	37.7	23.4	17.9	14.9	11.30	8.48	6.86	4.07	3.02	2.45	2.07	1.78	1.40	1.15	0.597
1.60	39.0	24.1	18.5	15.2	11.50	8.58	6.96	4.17	3.07	2.50	2.09	1.81	1.42	1.17	0.597



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