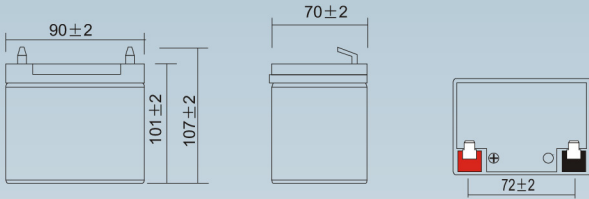


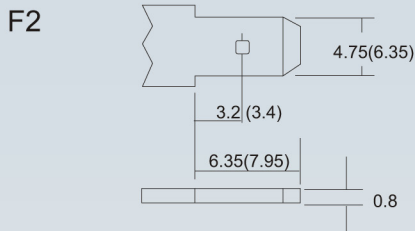
## PG Range

(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 1.8kg
Standard Terminal		F2 (standard)

## PG12V6



### Discharge Characteristics (25°C, 77°F)

Rated Capacity	20hRate(1.80V/cell) 10hRate(1.80V/cell) 5hRate(1.75V/cell) 3hRate(1.75V/cell) 1hRate(1.60V/cell)	Constant Voltage Charge		Initial Charging Current Less than 1.5A Voltage 14.4V ~ 15.0V at 25°C (77°F)
		6.00AH 5.58AH 5.10AH 4.59AH 2.19AH	Cycle	
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

25.0 mΩ

### Constant Current Discharge (Amperes) at 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	11.40	8.77	7.27	6.28	4.86	3.58	3.02	1.78	1.40	1.14	0.93	0.80	0.65	0.54	0.30
1.80V/cell	15.30	11.20	8.78	7.43	5.73	4.16	3.38	1.95	1.50	1.21	0.99	0.86	0.69	0.56	0.30
1.75V/cell	17.30	12.30	9.59	7.99	5.95	4.32	3.54	2.02	1.53	1.24	1.02	0.89	0.70	0.57	0.30
1.70V/cell	19.00	13.40	10.20	8.40	6.20	4.49	3.65	2.07	1.57	1.27	1.05	0.90	0.71	0.58	0.31
1.65V/cell	21.00	14.50	10.90	8.92	6.54	4.61	3.73	2.10	1.64	1.32	1.07	0.92	0.72	0.60	0.31
1.60V/cell	23.20	15.70	11.60	9.50	6.90	4.80	3.77	2.19	1.69	1.36	1.11	0.94	0.73	0.60	0.31

### Constant Power Discharge (Watts) at 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	20.90	16.20	13.60	11.80	9.26	6.88	5.82	3.47	2.72	2.22	1.82	1.58	1.28	1.07	0.59
1.80V/cell	27.70	20.50	16.20	13.80	10.80	7.94	6.48	3.76	2.91	2.36	1.94	1.69	1.35	1.10	0.59
1.75V/cell	30.60	22.10	17.40	14.70	11.10	8.16	6.75	3.88	2.95	2.40	1.98	1.73	1.37	1.13	0.60
1.70V/cell	32.80	23.60	18.40	15.30	11.50	8.46	6.94	3.97	3.03	2.46	2.03	1.76	1.39	1.15	0.61
1.65V/cell	35.60	25.20	19.40	16.20	12.00	8.59	7.05	4.00	3.15	2.54	2.08	1.79	1.41	1.17	0.62
1.60V/cell	38.40	26.70	20.40	17.00	12.60	8.90	7.08	4.16	3.23	2.61	2.14	1.83	1.42	1.19	0.62



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