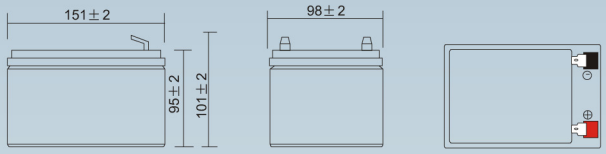
PG Range
(6yr Design Life in Float Service at 20°C)

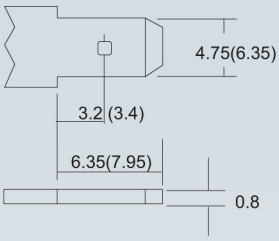
PG12V14

Dimensions (mm)



Standard terminal (mm)

F2



Physical Specification

Nominal Voltage Nominal Capacity		12V 14.0 AH
Dimension	Length	151 ± 2 mm
	Width	98 + 2 mm
	Container Height	95 ± 2 mm
	Total Height (with terminal)	101 ± 2 mm
Weight		Approx 4.2kg
Standard Terminal		F2 (standard)

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)	14.00AH 13.00AH 11.90AH 10.71AH 8.79AH	Constant Voltage Charge	Cycle	Initial Charging Current Less than 3.5A Voltage 14.4V ~ 15.0V at 25°C (77°F)
Capacity Affected by Temperature	40°C (104°F) 25°C (77°F) 0°C (32°F)	103% 100% 86%		Standby	Recommended Charge Current less than 3.5A Voltage 13.5V ~ 13.8V at 15°C (77°F)

Internal Resistance mΩ

14.0 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	26.7	20.5	17.0	14.7	11.3	8.35	7.04	4.16	3.26	2.65	2.16	1.87	1.51	1.26	0.693
1.80V/cell	35.8	26.2	20.5	17.3	13.4	9.71	7.89	4.54	3.51	2.83	2.32	2.01	1.60	1.30	0.700
1.75V/cell	40.3	28.7	22.4	18.6	13.9	10.1	8.25	4.71	3.57	2.89	2.38	2.07	1.63	1.34	0.707
1.70V/cell	44.4	31.3	23.9	19.6	14.5	10.5	8.51	4.83	3.67	2.97	2.44	2.11	1.65	1.36	0.720
1.65V/cell	49.0	33.8	25.4	20.8	15.3	10.7	8.71	4.90	3.83	3.07	2.51	2.15	1.68	1.39	0.729
1.60V/cell	54.0	36.7	27.2	22.2	16.1	11.2	8.79	5.11	3.94	3.17	2.59	2.20	1.70	1.41	0.734

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	48.7	37.8	31.6	27.6	21.6	16.1	13.6	8.09	6.35	5.18	4.24	3.69	2.98	2.50	1.37
1.80V/cell	64.7	47.8	37.7	32.2	25.1	18.5	15.1	8.77	6.79	5.50	4.52	3.94	3.16	2.57	1.38
1.75V/cell	71.4	51.6	40.7	34.3	25.9	19.0	15.8	9.06	6.89	5.60	4.63	4.03	3.20	2.64	1.40
1.70V/cell	76.5	55.0	42.8	35.8	26.8	19.7	16.2	9.26	7.07	5.74	4.74	4.11	3.24	2.69	1.42
1.65V/cell	83.1	58.8	45.2	37.7	28.0	20.0	16.5	9.34	7.34	5.92	4.85	4.19	3.29	2.74	1.44
1.60V/cell	89.6	62.4	47.5	39.7	29.4	20.8	16.5	9.70	7.53	6.08	4.99	4.26	3.31	2.77	1.45

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