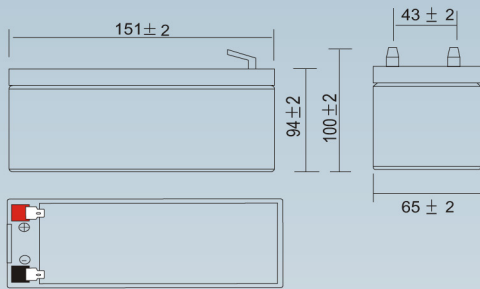


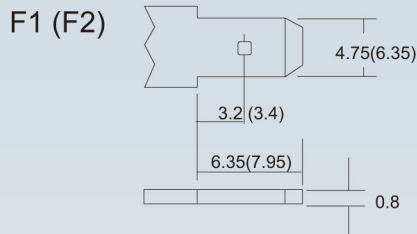
## PG Range

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

### Dimensions (mm)



### Standard terminal (mm)



### Physical Specification

Nominal Voltage		12V
Nominal Capacity		7.6 AH
Dimension	Length	151 ± 2 mm
	Width	65 + 2 mm
	Container Height	94 ± 2 mm
	Total Height (with terminal)	100 ± 2 mm
Weight		Approx 2.5kg
Standard Terminal		F1/F2 (standard)

## PG12V7.6



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

Rated Capacity	20hr Rate (1.80V/cell)	7.6AH	Constant Voltage Charge	Cycle	Initial Charging Current Less than 1.9A Voltage 14.4V ~ 15.0V at 25°C (77°F)
	10hr Rate (1.80V/cell)	7.2AH			
Capacity Affected by Temperature	8hr Rate (1.75V/cell)	7.0AH	Standby	Recommended Charge Current less than 1.9A Voltage 13.5V ~ 13.8V at 15°C (77°F)	
	5hr Rate (1.75V/cell)	6.6AH			
	1hr Rate (1.60V/cell)	5.6AH			
	40°C (104°F)	103%			
25°C (77°F)	100%				
0°C (32°F)	86%				

### Internal Resistance mΩ

22.0 mΩ

### Constant Current Discharge Characteristics Unit: Amperes (20°C, 68°F)

F.V/Time	5mn	10mn	15mn	20mn	30mn	45mn	1H	2H	3H	4H	5H	6H	7H	8H	9H	10H	20H	24H	48H	72H	100H
1.90V	16.3	12.7	10.0	8.47	6.58	5.05	4.13	2.33	1.72	1.36	1.14	0.98	0.86	0.770	0.700	0.650	0.337	0.292	0.151	0.104	0.076
1.85V	20.2	14.8	11.5	9.43	7.10	5.34	4.41	2.48	1.81	1.43	1.20	1.03	0.90	0.803	0.736	0.682	0.357	0.308	0.160	0.110	0.081
1.80V	25.1	17.2	13.0	10.50	7.98	5.88	4.80	2.66	1.92	1.50	1.30	1.10	0.95	0.840	0.771	0.720	0.380	0.328	0.170	0.117	0.086
1.75V	28.3	18.9	14.2	11.40	8.42	6.14	5.01	2.79	2.01	1.59	1.32	1.13	0.98	0.875	0.802	0.750					
1.70V	30.1	20.1	14.7	11.90	8.62	6.29	5.13	2.87	2.06	1.63	1.36	1.16	1.01	0.909	0.824	0.770					
1.65V	32.4	21.0	15.4	12.60	9.12	6.53	5.37	2.96	2.12	1.67	1.39	1.19	1.05	0.930	0.847	0.790					
1.60V	35.3	22.5	16.7	13.60	9.67	6.87	5.60	3.11	2.23	1.74	1.43	1.24	1.09	0.971	0.880	0.810					

### Constant Power Discharge Characteristics Unit: Watts (20°C, 68°F)

F.V/Time	5mn	10mn	15mn	20mn	30mn	45mn	1H	2H	3H	4H	5H	6H	7H	8H	9H	10H	20H	24H	48H	72H	100H
1.90V	192.2	151.0	119.6	102.0	79.7	61.5	50.4	28.5	21.1	16.7	14.1	12.1	10.7	9.54	8.68	8.08	4.188	3.632	1.884	1.295	0.957
1.85V	232.6	172.2	135.1	111.9	85.2	64.6	53.7	30.3	22.2	17.6	14.8	12.7	11.1	9.98	9.14	8.45	4.424	3.824	1.989	1.368	1.012
1.80V	284.5	196.7	149.9	122.1	93.8	69.9	57.7	32.1	23.3	18.2	15.9	13.5	11.6	10.30	9.49	8.91	4.703	4.062	2.107	1.449	1.072
1.75V	314.0	212.7	161.8	131.4	98.1	72.6	59.9	33.6	24.3	19.3	16.0	13.8	12.0	10.70	9.85	9.27					
1.70V	324.9	221.2	165.2	136.1	99.9	74.1	61.2	34.4	24.9	19.8	16.6	14.2	12.4	11.10	10.16	9.47					
1.65V	344.9	229.0	171.7	143.0	104.9	76.3	63.5	35.3	25.5	20.1	16.8	14.5	12.8	11.40	10.40	9.71					
1.60V	367.2	239.9	183.2	152.7	110.4	79.8	65.9	36.9	26.6	20.9	17.3	15.0	13.3	11.80	10.80	9.98					



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