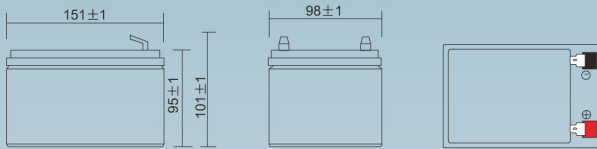
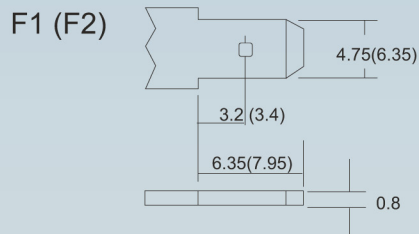


PG Range (VRLA 6yr Life)

Dimensions (mm)



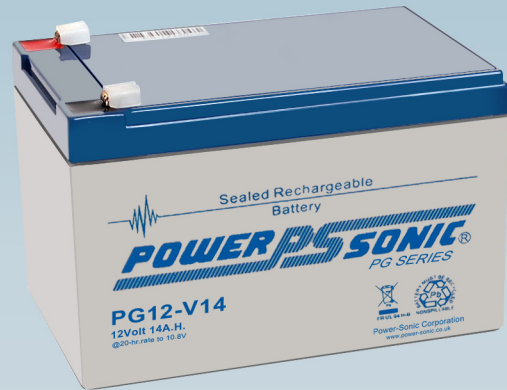
Standard terminal (mm)



Physical Specification

Nominal Voltage		12V
Nominal Capacity		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		F1/F2 (standard)

PG12V14F2



Discharge Characteristics (25°C, 77°F)

Rated Capacity	20hr Rate (0.70A) 10hr Rate (1.35A) 8hr Rate (1.66A) 5hr Rate (2.48A) 1hr Rate (10.70A)	14.00AH 13.50AH 13.28AH 12.40AH 10.70AH	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

Internal Resistances m0hms

18.0 m0hms

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	30.0	23.4	18.5	15.6	12.1	9.30	8.09	4.56	3.29	2.57	2.14	1.82	1.62	1.46	1.33	1.23	0.632	0.536	0.275	0.190	0.142
1.85V	37.2	27.3	21.2	17.4	13.1	9.84	8.57	4.81	3.44	2.72	2.25	1.92	1.71	1.53	1.40	1.30	0.670	0.571	0.293	0.202	0.151
1.80V	46.3	31.6	23.9	19.3	14.7	10.80	9.09	5.12	3.64	2.87	2.39	2.03	1.81	1.60	1.46	1.35	0.700	0.603	0.313	0.215	0.160
1.75V	52.1	34.9	26.2	21.0	15.5	11.30	9.42	5.32	3.83	3.02	2.48	2.13	1.88	1.66	1.49	1.38					
1.70V	55.4	37.1	27.1	21.9	16.2	11.90	9.86	5.50	3.95	3.09	2.55	2.21	1.95	1.73	1.55	1.42					
1.65V	59.7	38.7	28.8	23.4	16.9	12.60	10.30	5.73	4.07	3.19	2.64	2.27	2.01	1.77	1.58	1.46					
1.60V	65.0	41.2	30.8	25.0	18.2	13.20	10.70	5.89	4.18	3.27	2.70	2.32	2.04	1.81	1.63	1.49					

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	353.8	278.1	221.3	187.9	146.6	113.2	98.8	55.8	40.4	31.6	26.4	22.5	20.1	18.1	16.5	15.3	7.855	6.667	3.430	2.378	1.781
1.85V	428.4	317.6	249.1	206.4	157.1	119.0	104.3	58.7	42.2	33.4	27.8	23.7	21.2	19.0	17.4	16.1	8.303	7.090	3.642	2.520	1.884
1.80V	524.8	361.4	275.7	224.5	172.8	128.4	109.2	61.8	44.1	34.9	29.2	24.9	22.3	19.7	18.0	16.7	8.663	7.468	3.880	2.674	1.987
1.75V	578.1	392.8	298.5	242.0	180.7	133.7	112.6	64.0	46.2	36.6	30.2	26.0	23.0	20.4	18.3	17.1					
1.70V	598.0	408.3	304.5	250.5	188.3	140.3	117.5	66.0	47.7	37.4	31.0	27.0	23.9	21.2	19.1	17.5					
1.65V	635.5	422.1	321.1	265.6	194.3	147.2	121.9	68.3	48.9	38.5	32.0	27.6	24.5	21.7	19.5	18.0					
1.60V	676.2	439.3	337.9	280.8	207.9	153.4	126.0	69.9	50.0	39.3	32.6	28.1	24.8	22.1	20.0	18.4					



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