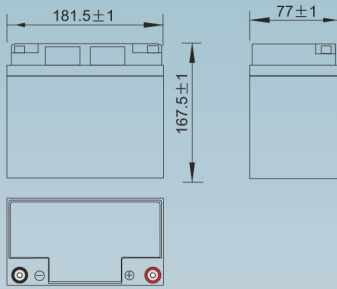


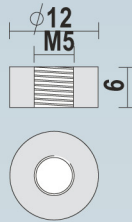
PG Range (VRLA 6yr Life)

Dimensions (mm)



Standard terminal (mm)

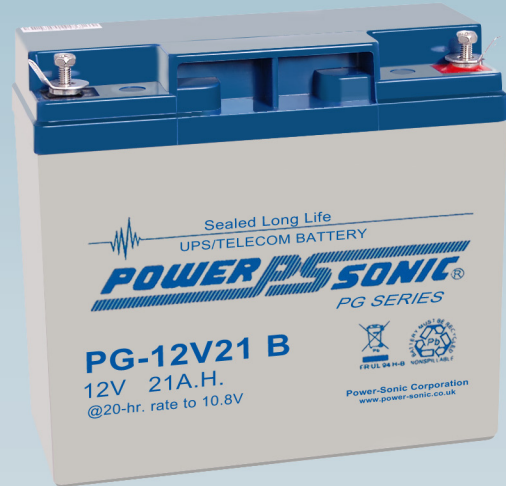
T12 Threaded Insert 5mm STUD



Physical Specification

Nominal Voltage		12V
Nominal Capacity		21.0 AH
Dimension	Length	181 ± 2 mm
	Width	77 + 2 mm
	Container Height	167 ± 2 mm
	Total Height (with terminal)	167 ± 2 mm
Weight		Approx 6.0kg
Standard Terminal		T12

PG12V21



Discharge Characteristics (25°C, 77°F)

Rated Capacity	20hr Rate (1.05A)	21.0AH	Constant Voltage Charge	Cycle	Initial Charging Current Less than 5.25A Voltage 14.4V ~ 15.0V at 25°C (77°F)
	10hr Rate (2.05A)	20.50AH			
Capacity Affected by Temperature	8hr Rate (2.55A)	20.40AH	Standby	Recommended Charge Current less than 5.25A Voltage 13.5V ~ 13.8V at 15°C (77°F)	
	5hr Rate (3.71A)	18.55AH			
	1hr Rate (14.2A)	14.20AH			
40°C (104°F)		103%			
25°C (77°F)		100%			
0°C (32°F)		86%			

Internal Resistances m0hms

15.0 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	37.5	28.7	23.7	20.0	15.5	11.9	10.3	6.00	4.47	3.69	3.11	2.73	2.40	2.15	1.95	1.81	0.928	0.784	0.396	0.270	0.200
1.85V	48.3	34.7	27.3	22.3	17.4	13.2	11.1	6.55	4.88	3.94	3.36	2.95	2.59	2.31	2.09	1.93	0.989	0.831	0.422	0.288	0.214
1.80V	57.3	39.9	29.9	24.8	18.6	14.3	11.7	6.88	5.14	4.17	3.53	3.10	2.72	2.44	2.22	2.05	1.050	0.889	0.452	0.309	0.228
1.75V	65.4	44.9	33.2	26.8	20.2	15.1	12.5	7.20	5.41	4.37	3.71	3.21	2.86	2.55	2.34	2.15					
1.70V	70.5	48.3	35.3	28.8	21.4	15.8	13.0	7.50	5.62	4.50	3.79	3.28	2.92	2.61	2.39	2.18					
1.65V	74.8	50.1	36.3	29.8	21.9	16.4	13.6	7.76	5.73	4.59	3.87	3.37	2.98	2.67	2.44	2.23					
1.60V	77.2	51.7	37.5	30.8	22.6	16.8	14.2	8.12	5.90	4.72	3.99	3.45	3.05	2.74	2.49	2.29					

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	442.2	341.1	283.5	240.9	187.8	144.8	125.8	73.4	54.9	45.3	38.4	33.8	29.7	26.6	24.2	22.5	11.53	9.75	4.940	3.377	2.508
1.85V	556.2	403.6	320.7	264.6	208.7	159.7	135.1	80.0	59.8	48.4	41.5	36.4	32.1	28.7	26.0	23.9	12.26	10.32	5.245	3.585	2.667
1.80V	649.5	456.4	344.9	288.5	218.6	170.1	140.5	83.0	62.3	50.7	43.1	38.0	33.5	30.0	27.3	25.4	13.00	11.01	5.602	3.832	2.843
1.75V	725.7	505.4	378.2	308.8	235.5	178.7	149.4	86.7	65.3	53.0	45.1	39.2	35.0	31.3	28.7	26.6					
1.70V	761.0	531.6	396.7	329.4	248.1	186.2	155.0	90.0	67.9	54.5	46.1	40.1	35.8	32.0	29.5	26.8					
1.65V	796.2	546.4	404.8	338.3	251.8	191.5	160.9	92.5	68.8	55.4	46.9	41.0	36.3	32.7	30.1	27.4					
1.60V	803.1	551.2	411.4	345.9	258.1	195.2	167.2	96.4	70.5	56.8	48.2	41.8	37.1	33.4	30.6	28.2					



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