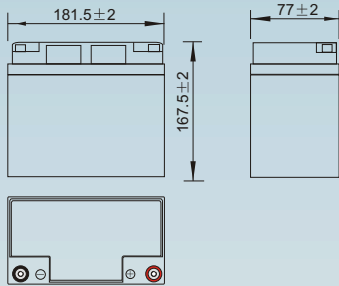


## PG Range

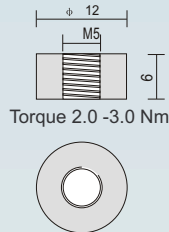
(6yr Design Life in Float Service at 20 °C)

### Dimensions (mm)



### Standard terminal (mm)

T12 Threaded Insert 5mm Stud



### Physical Specification

Nominal Voltage		12V
Nominal Capacity		21AH
Dimension	Length	181.5 ± 2 mm
	Width	77 ± 1 mm
	Container Height	167.5 ± 1 mm
	Total Height (with terminal)	167.5 ± 1 mm
Weight		Approx 5.78kg
Standard	Terminal	T12

## PG12V21



### 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)	20.00AH 18.60AH 17.00AH 15.30AH 12.60AH	Constant Voltage Charge	Cycle	Initial Charging Current Less than 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%	Constant Voltage Charge	Standby	Recommended Charge Current less than 5A Voltage 13.5V ~ 13.8V at 15°C (77°F)

### Internal Resistance mΩ

Approx 15.0 mΩ

### Constant Current Discharge Characteristics Unit:Amperes (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	38.1	29.2	24.2	20.9	16.2	11.9	10.1	5.95	4.65	3.78	3.09	2.68	2.16	1.80	0.99
1.80V/cell	51.1	37.4	29.3	24.8	19.1	13.9	11.3	6.49	5.01	4.04	3.31	2.87	2.29	1.86	1.00
1.75V/cell	57.6	41.1	32.0	26.6	19.8	14.4	11.8	6.73	5.10	4.13	3.40	2.95	2.33	1.91	1.01
1.70V/cell	63.5	44.8	34.1	28.0	20.7	15.0	12.2	6.90	5.24	4.24	3.49	3.01	2.36	1.95	1.03
1.65V/cell	70.0	48.3	36.3	29.7	21.8	15.4	12.4	7.00	5.47	4.39	3.58	3.08	2.40	1.99	1.04
1.60V/cell	77.2	52.4	38.8	31.7	23.0	16.0	12.6	7.30	5.63	4.52	3.70	3.14	2.42	2.01	1.05

### Constant Power Discharge Characteristics Unit: (Watts/cell) (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	69.6	54.0	45.2	39.5	30.9	22.9	19.4	11.6	9.07	7.40	6.05	5.26	4.26	3.57	1.96
1.80V/cell	92.5	68.2	53.9	46.0	35.9	26.5	21.6	12.5	9.71	7.86	6.46	5.62	4.51	3.68	1.98
1.75V/cell	102.0	73.8	58.1	49.0	36.9	27.2	22.5	12.9	9.85	8.00	6.61	5.76	4.58	3.77	2.00
1.70V/cell	109.3	78.6	61.2	51.1	38.2	28.2	23.1	13.2	10.1	8.20	6.77	5.87	4.64	3.84	2.03
1.65V/cell	118.8	84.0	64.6	53.9	40.0	28.6	23.5	13.3	10.5	8.45	6.93	5.98	4.70	3.91	2.05
1.60V/cell	128.0	89.1	67.9	56.8	41.9	29.7	23.6	13.9	10.8	8.69	7.13	6.09	4.73	3.95	2.06



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