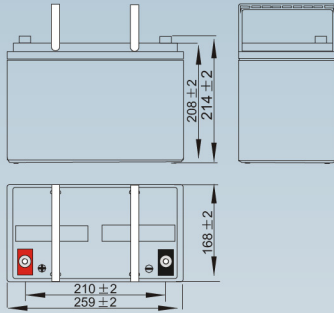


## PG Range

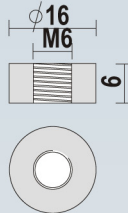
(12yr Design Life in Float Service at 20°C)

### Dimensions (mm)



### Standard terminal (mm)

T6 Threaded Insert 6mm STUD



### Physical Specification

Nominal Voltage		12V
Nominal Capacity		65.0 AH
Dimension	Length	259 ± 2 mm
	Width	168 ± 2 mm
	Container Height	208 ± 2 mm
	Total Height (with terminal)	214 ± 2 mm
Weight		Approx 18.5kg
Standard Terminal		T6

## PG12V65



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

Rated Capacity	20hr Rate(1.80V/cell) 10hr Rate(1.80V/cell) 8hr Rate(1.75V/cell) 5hr Rate(1.75V/cell) 1hr Rate(1.60V/cell)	65.00AH 63.30AH 62.32AH 58.00AH 47.80AH	Constant Voltage Charge	Cycle	Initial Charging Current
					Less than 16.25A Voltage 14.4V ~ 15.0V at 25°C (77°F)
Capacity Affected by Temperature	40°C (104°F)	103%	Standby	Recommended Charge Current less than 16.25A Voltage 13.5V ~ 13.8V at 15°C (77°F)	
	25°C (77°F)	100%			
	0°C (32°F)	86%			

### Internal Resistance mΩ

7.4 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	109.0	87.5	74.6	71.0	56.7	43.8	35.8	19.4	14.0	11.1	9.52	8.29	7.31	6.50	5.95	5.46	2.76	2.321	1.175	0.797	0.588
1.85V	139.3	106.7	88.2	82.1	64.0	48.8	40.0	21.8	15.7	12.5	10.60	9.19	8.03	7.23	6.54	6.07	3.09	2.600	1.317	0.891	0.655
1.80V	167.7	121.7	98.8	89.4	69.5	52.5	42.5	23.3	16.5	13.3	11.20	9.53	8.41	7.55	6.84	6.33	3.25	2.776	1.412	0.961	0.705
1.75V	191.4	131.4	104.1	92.7	72.0	54.0	43.8	24.0	17.0	13.7	11.60	10.00	8.71	7.79	7.07	6.55					
1.70V	217.0	142.0	110.3	96.4	73.4	55.5	45.0	24.5	17.3	14.0	11.90	10.10	8.88	7.94	7.20	6.67					
1.65V	239.7	149.1	114.7	100.2	74.9	56.5	46.4	25.0	17.7	14.3	12.10	10.30	9.02	8.06	7.31	6.77					
1.60V	248.3	154.4	119.1	104.0	78.3	58.3	47.8	25.7	18.1	14.5	12.30	10.50	9.17	8.20	7.44	6.89					

### 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	1285.4	1040.1	892.4	855.2	687.0	533.0	437.1	237.3	171.9	136.3	117.4	102.5	90.6	80.5	73.7	67.8	34.26	28.87	14.66	9.959	7.363
1.85V	1604.2	1241.1	1036.2	974.0	767.6	590.3	486.9	266.2	192.4	153.6	130.8	113.5	99.4	89.9	81.2	75.2	38.28	32.23	16.37	11.100	8.183
1.80V	1900.9	1392.0	1139.5	1039.9	816.9	624.4	510.5	281.2	200.0	161.8	136.7	116.9	103.4	92.9	84.2	78.3	40.22	34.38	17.50	11.930	8.785
1.75V	2123.9	1479.0	1185.9	1068.1	839.2	638.9	523.6	288.9	205.3	166.0	141.0	121.6	106.7	95.7	86.8	81.0					
1.70V	2342.3	1562.8	1239.4	1102.6	850.9	653.9	536.4	294.0	208.9	169.6	144.8	123.4	108.7	97.3	88.8	82.0					
1.65V	2551.5	1626.1	1279.0	1137.5	861.2	659.9	549.1	298.0	212.6	172.5	146.7	125.2	109.9	98.7	90.1	83.2					
1.60V	2582.9	1646.2	1306.5	1168.0	894.2	677.5	562.8	305.1	216.3	174.4	148.5	127.3	111.5	100.0	91.5	84.9					



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