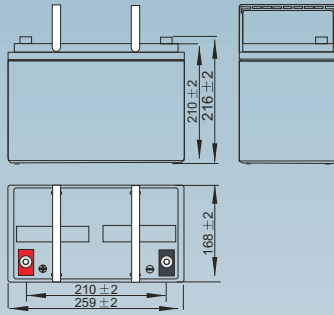


PG Range

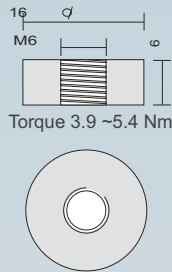
(12yr Design Life in Float Service at 20°C)

Dimensions (mm)



Standard terminal (mm)

T6 Threaded Insert 6mm Stud



Physical Specification

Nominal Voltage		12V
Nominal Capacity		65 AH
Dimension	Length	260 ± 2 mm
	Width	168 ± 2 mm
	Container Height	210 ± 2 mm
	Total Height (with terminal)	216 ± 2 mm
Weight		Approx 21.0kg
Standard Terminal		T6
Case and Cover Material		ABS (UL94-HB)

PG12V65



Operating Temperature Range

Storage (In fully charged condition)	- 20°C to + 60°C
Charge	- 15°C to + 50°C
Discharge	- 20°C to + 60°C

Discharge Characteristics (25°C, 77°F)

Rated Capacity	20hr Rate(1.80V/cell)	65.0AH	Constant Voltage Charge	Cycle	Initial Charging Current Less than 16.25A Voltage 14.40V ~ 15.0V at 25°C (77°F)
	10hr Rate(1.80V/cell)	60.0AH			
Capacity Affected by Temperature	5hr Rate(1.75V/cell)	52.2AH	Standby	Recommended Charge Current less than 16.25A Voltage 13.5V ~ 13.8V at 25°C (77°F)	
	3hr Rate(1.75V/cell)	46.8AH			
	1hr Rate(1.60V/cell)	37.2AH			
	40°C (104°F)	103%			
	25°C (77°F)	100%			
	0°C (32°F)	86%			

Internal Resistance mΩ

7.4 mΩ

Constant Current Discharge (Amperes) at 25°C (77°F)

FV(V/cell)	10min	15min	20min	30min	45min	1H	2H	3H	4H	5H	6H	8H	10H	20H
1.85	70.2	59.0	52.4	43.4	33.5	28.7	18.6	14.0	11.4	9.62	8.43	6.76	5.81	3.10
1.80	80.3	66.3	57.9	47.2	36.2	30.3	20.0	15.0	12.2	10.20	8.93	7.12	6.00	3.25
1.75	91.2	74.7	64.0	51.3	39.4	33.0	20.8	15.6	12.6	10.40	9.21	7.36	6.16	3.29
1.70	103.0	82.9	70.6	56.0	42.5	34.9	21.9	16.4	13.1	11.00	9.65	7.67	6.40	3.38
1.65	110.7	88.8	75.2	59.1	45.0	36.1	22.7	17.1	13.7	11.40	9.99	7.93	6.58	3.48
1.60	121.7	97.2	81.6	63.0	46.7	37.2	23.3	17.5	14.0	11.70	10.20	8.06	6.72	3.54

Constant Power Discharge (Watts/cell) at 25°C (77°F)

FV(V/cell)	10min	15min	20min	30min	45min	1H	2H	3H	4H	5H	6H	8H	10H	20H
1.85	131.1	111.3	99.8	83.7	65.1	55.9	36.4	27.5	22.6	19.1	16.7	13.5	11.6	6.21
1.80	148.1	123.4	108.7	89.5	69.7	58.7	38.9	29.4	23.9	20.1	17.7	14.2	12.0	6.53
1.75	165.7	137.4	119.0	96.5	75.3	63.7	40.3	30.4	24.6	20.5	18.2	14.6	12.3	6.57
1.70	182.9	150.3	130.4	104.7	80.8	67.2	42.4	32.0	25.7	21.7	19.0	15.2	12.7	6.73
1.65	194.7	159.7	137.7	109.6	84.7	69.0	43.7	33.1	26.6	22.3	19.6	15.7	13.1	6.93
1.60	209.3	172.1	148.0	116.2	87.6	70.7	44.6	33.8	27.1	22.7	20.0	15.9	13.3	7.03



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