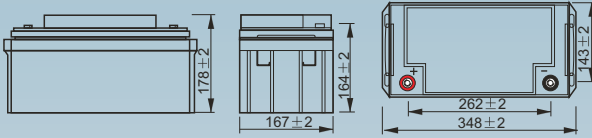


PS Range

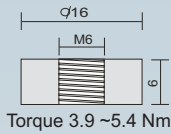
(10yr Design Life in Float Service at 20°C)

Dimensions (mm)



Standard terminal (mm)

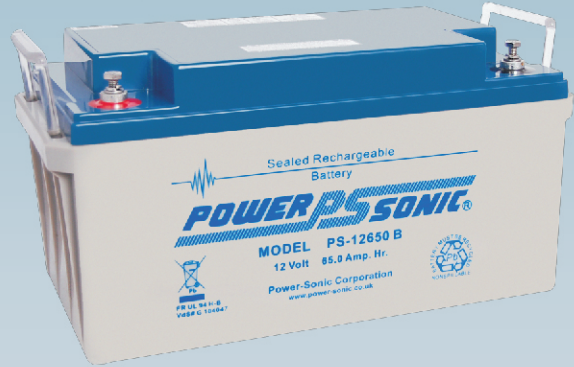
T6 Threaded Insert 6mm Stud



Physical Specification

Nominal Voltage		12V
Nominal Capacity		65.0 AH
Dimension	Length	348 ± 2 mm
	Width	167 ± 2 mm
	Height To terminal	178 ± 2 mm
	Container Height	178 ± 2 mm
Weight		Approx 21.2kg
Standard Terminal		T6
Case and Cover Material		ABS (UL94-HB)

PS-12650 12V 65AH



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	20h Rate(1.80V/cell)				10h Rate(1.80V/cell)				5h Rate(1.75V/cell)				3h Rate(1.75V/cell)				1h Rate(1.60V/cell)			
		69.6 AH	65.0 AH	56.5 AH	50.7 AH	40.3 AH	37.8 AH	32.7 AH	23.7 AH	17.8 AH	14.2 AH	12.0 AH	10.50 AH	8.30 AH	6.93 AH	3.66 AH	3.48 AH	3.57 AH	3.66 AH	
Capacity Affected by Temperature	40°C (104°F)	103%	Constant Voltage Charge	Cycle	Initial Charging Current Less than 16.25A Voltage 14.40V ~ 15.0V at 25°C (77°F)	Standby	Recommended Charge Current less than 16.25A Voltage 13.5V ~ 13.8V at 25°C (77°F)	100%	86%	100%	86%	100%	100%	100%	100%	100%	100%	100%	100%	
	25°C (77°F)	100%																		
	0°C (32°F)	86%																		

Internal Resistance mΩ

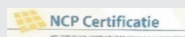
7.3 mΩ

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

F.V(V/cell)	10min	15min	20min	30min	45min	1H	2H	3H	4H	5H	6H	8H	10H	20H
1.85	76.1	64.0	56.7	47.7	36.3	31.1	20.1	15.1	12.4	10.4	9.13	7.33	6.30	3.36
1.80	87.0	71.8	62.7	51.1	39.2	32.8	21.6	16.3	13.2	11.1	9.68	7.71	6.50	3.48
1.75	98.8	80.9	69.3	55.5	42.7	35.8	22.5	16.9	13.6	11.3	10.00	7.97	6.67	3.57
1.70	111.6	89.8	76.5	60.6	46.0	37.8	23.7	17.8	14.2	12.0	10.50	8.30	6.93	3.66
1.65	119.9	96.2	81.4	64.0	48.7	39.1	24.6	18.5	14.8	12.3	10.80	8.59	7.13	3.77
1.60	131.9	105.3	88.4	68.3	50.6	40.3	25.2	19.0	15.1	12.6	11.10	8.73	7.27	3.83

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

F.V(V/cell)	10min	15min	20min	30min	45min	1H	2H	3H	4H	5H	6H	8H	10H	20H
1.85	142.0	120.6	108.1	90.6	70.5	60.6	39.5	29.8	24.5	20.6	18.1	14.6	12.6	6.72
1.80	160.6	133.7	117.8	97.0	75.5	63.6	42.1	31.8	25.9	21.8	19.1	15.3	13.0	6.95
1.75	179.5	148.8	128.9	104.5	81.6	69.0	43.7	33.0	26.7	22.2	19.7	15.8	13.3	7.12
1.70	198.2	162.8	141.3	113.5	87.5	72.8	45.9	34.6	27.8	23.5	20.6	16.5	13.8	7.29
1.65	210.9	173.0	149.2	118.8	91.8	74.7	47.3	35.9	28.8	24.1	21.2	17.0	14.2	7.51
1.60	226.8	186.4	160.3	125.8	94.9	76.6	48.3	36.6	29.4	24.6	21.6	17.2	14.4	7.62



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