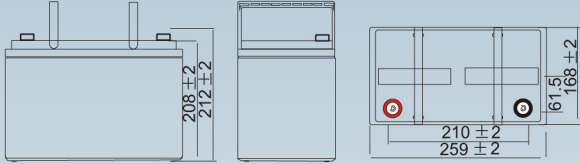


## PS Range

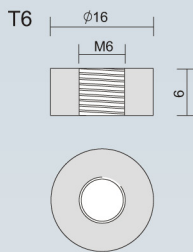
(10yr Design Life in Float Service at 20°C)

### Dimensions (mm)



### Standard terminal (mm)

T6 Threaded Insert 6mm STUD



### Physical Specification

Nominal Voltage		12V
Nominal Capacity (20HR)		75.0 AH
Dimension	Length	259 ± 2 mm
	Width	168 ± 2 mm
	Container Height	208 ± 2 mm
	Total Height (with terminal)	212 ± 2 mm
Weight		Approx 21.0kg
Standard Terminal		T6

## PS-12750 12V 75AH



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

Rated Capacity	20hr Rate(1.80V/cell)	78.00AH	Cycle	Initial Charging Current Less than 18.75A Voltage 14.40V ~ 15.0V at 25°C (77°F)
	10hr Rate(1.80V/cell)	75.00AH		
Capacity Affected by Temperature	5hr Rate(1.75V/cell)	72.40AH	Constant Voltage Charge	Standby Recommended Charge Current less than 18.75A Voltage 13.5V ~ 13.8V at 25°C (77°F)
	3hr Rate(1.75V/cell)	65.50AH		
	1hr Rate(1.60V/cell)	45.80AH		
	40°C (104°F)	103%		
25°C (77°F)	100%	Standby		
0°C (32°F)	86%			

### Internal Resistance mΩ

6.6 mΩ

### Constant Current Discharge Characteristics Unit: Amperes (25°C, 77°F)

F.V/Time	5MIN	10MIN	15MIN	20mn	30MIN	45mn	1HR	2HR	3HR	4HR	5HR	6H	8HR	10HR	20HR	24HR	48HR	72HR	100HR
1.60V	260.2	180.9	137.5	108.6	81.0	57.9	45.8	28.2	21.6	17.4	14.1	12.0	9.30	7.89					
1.67V	224.3	161.6	124.7	99.7	75.2	54.8	43.6	26.9	20.5	16.5	13.4	11.6	9.14	7.73					
1.70V	213.9	154.4	120.9	95.9	72.7	54.2	42.7	26.5	20.1	16.3	13.2	11.5	9.09	7.65					
1.75V	194.3	141.7	113.3	91.3	69.9	52.1	42.2	25.5	19.2	15.6	13.1	11.3	9.05	7.57	3.94	3.36	1.73	1.20	0.89
1.80V	172.3	128.9	103.7	84.9	67.3	50.2	39.6	24.6	18.4	15.2	12.6	11.0	8.79	7.50	3.90	3.31	1.71	1.18	0.87
1.85V	128.4	100.9	85.8	71.8	57.1	43.2	35.4	22.5	17.8	14.5	11.7	10.2	8.29	7.08	3.86	3.25	1.67	1.15	0.86

### Constant Power Discharge Characteristics Unit: Watts (25°C, 77°F)

F.V/Time	5MIN	10MIN	15MIN	20mn	30MIN	45mn	1HR	2HR	3HR	4HR	5HR	6H	8HR	10HR	20HR	24HR	48HR	72HR	100HR
1.60V	2587.9	1845.3	1443.7	1180.5	886.1	651.4	516.1	320.4	247.0	200.4	162.7	140.8	109.0	93.1					
1.67V	2300.5	1694.1	1336.9	1100.1	831.4	623.0	496.1	308.9	236.7	191.5	155.6	136.8	107.4	91.3					
1.70V	2209.4	1626.6	1300.9	1062.4	807.9	618.5	488.2	304.8	232.0	189.1	154.3	135.7	107.0	90.5					
1.75V	2063.6	1527.0	1235.7	1018.4	780.5	597.0	483.8	293.9	222.1	181.0	152.8	133.1	106.6	89.6	46.7	40.2	20.8	14.4	10.8
1.80V	1870.1	1412.4	1145.4	955.8	758.1	578.2	455.9	284.5	214.0	177.1	147.4	130.0	103.8	88.9	46.3	39.7	20.4	14.3	10.6
1.85V	1408.2	1118.5	960.9	820.5	652.5	503.2	410.4	262.4	208.1	170.5	137.9	121.6	98.2	84.1	45.9	39.1	20.1	14.0	10.5



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