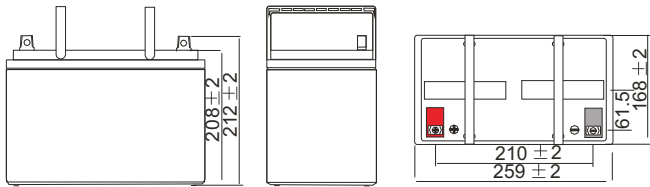
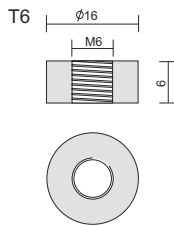




Dimensions (mm)



Standard Terminal (mm)



Physical Specification

Nominal Voltage		12V
Nominal Capacity (20HR)		75AH
Dimension	Length	259 ± 2mm
	Width	168 ± 2mm
	Container Height	208 ± 2mm
	Total Height (with Terminal)	212 ± 2mm
Weight		Approx 25.0Kg
Standard Terminal		T6

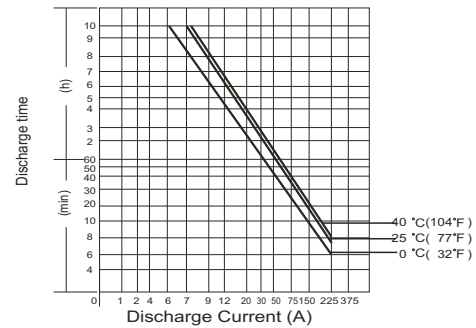
Electrical Specification

Rated Capacity	20 hour rate (3.9A)	78AH	Cycle	Initial Charging Current less than 2.5A. Voltage 14.4V- 15.0V at 25°C (77°F) Temp. Coefficient -30mV/°C
	10 hour rate (7.5A)	75AH		
Capacity affected by Temperature	5 hour rate (13.1A)	65.5AH	Constant-Voltage Charge	No limit on Initial Charging Current Voltage 13.5V-13.8V at 25°C(77°F) Temp. Coefficient - 20mV/°C
	1 hour rate (42A)	42AH		
	40°C (104°F)	103%		
25°C (77°F)	100%			
0°C (32°F)	86%			

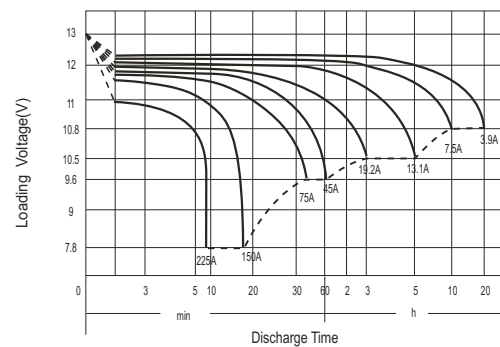
PS-12750 12V 75AH



Discharging Current & Discharge Duration Time



Discharge Characteristics (25°C, 77°C)



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

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
1.60V	260.2	180.9	137.5	81.0	45.8	28.2	21.6	17.4	14.1	9.30	7.89	4.09
1.67V	224.3	161.6	124.7	75.2	43.6	26.9	20.5	16.5	13.4	9.14	7.73	4.05
1.70V	213.9	154.4	120.9	72.7	42.7	26.5	20.1	16.3	13.2	9.09	7.65	4.01
1.75V	194.3	141.7	113.3	69.9	42.2	25.5	19.2	15.6	13.1	9.05	7.57	3.94
1.80V	172.3	128.9	103.7	67.3	39.6	24.6	18.4	15.2	12.6	8.79	7.50	3.90
1.85V	128.4	100.9	85.8	57.1	35.4	22.5	17.8	14.5	11.7	8.29	7.08	3.86

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

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
1.60V	2587.9	1845.3	1443.7	886.1	516.1	320.4	247.0	200.4	162.7	109.0	93.1	48.3
1.67V	2300.5	1694.1	1336.9	831.4	496.1	308.9	236.7	191.5	155.6	107.4	91.3	47.9
1.70V	2209.4	1626.6	1300.9	807.9	488.2	304.8	232.0	189.1	154.3	107.0	90.5	47.5
1.75V	2063.6	1527.0	1235.7	780.5	483.8	293.9	222.1	181.0	152.8	106.6	89.6	46.7
1.80V	1870.1	1412.4	1145.4	758.1	455.9	284.5	214.0	177.1	147.4	103.8	88.9	46.3
1.85V	1408.2	1118.5	960.9	652.5	410.4	262.4	208.1	170.5	137.9	98.2	84.1	45.9



Power-Sonic Europe Limited
 3 Buckingham Square, Wickford, Essex, SS11 8YQ
 Tel: +44 (0)1268 560686 Fax: +44 (0)1268 560902
 sales@power-sonic.co.uk
 www.power-sonic.co.uk