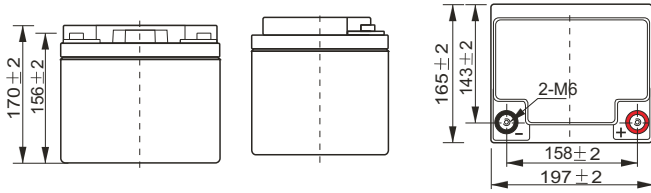
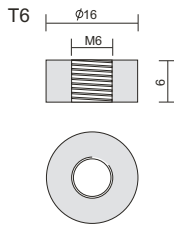




### Dimensions (mm)



### Standard Terminal (mm)



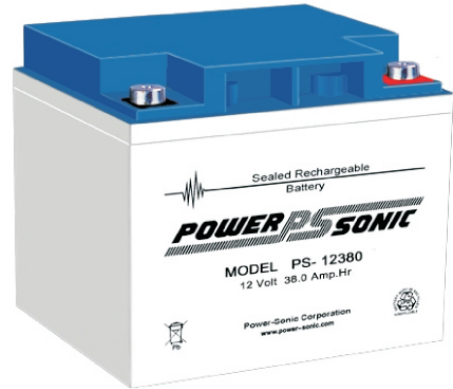
### Physical Specification

Nominal Voltage		12V
Nominal Capacity (10HR)		38AH
Dimension	Length	197 ± 2mm
	Width	165 ± 2mm
	Container Height	170 ± 2mm
	Total Height (with Terminal)	170 ± 2mm
Weight		Approx 13.8kg
Standard Terminal		T6

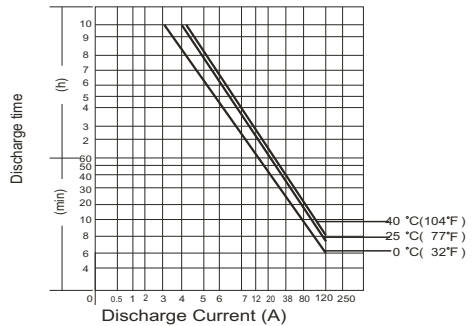
### Electrical Specification

Rated Capacity	20 hour rate (1.980A)	40.0AH	Cycle	Initial Charging Current less than 11.4A. Voltage 14.4V~ 15.0V at 25°C (77°F) Temp. Coefficient -30mV/°C
	10 hour rate (3.8A)	38.0AH		
	5 hour rate (6.63A)	33.5AH		
	1 hour rate (23.2A)	23.2AH		
Capacity affected by Temperature	40°C (104°F)	103%	Standby	No limit on Initial Charging Current Voltage 13.5V~13.8V at 25°C(77°F) Temp. Coefficient - 20mV/°C
	25°C (77°F)	100%		
	0°C (32°F)	86%		

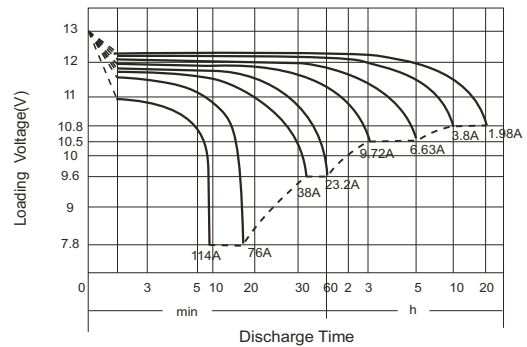
### PS-12380 12V 38AH



### 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	131.8	91.7	69.7	41.0	23.2	14.3	10.9	8.81	7.13	4.71	4.00	2.07
1.67V	113.7	81.9	63.2	38.1	22.1	13.7	10.4	8.38	6.78	4.63	3.91	2.05
1.70V	108.4	78.2	61.3	36.9	21.7	13.4	10.2	8.26	6.71	4.61	3.88	2.03
1.75V	98.4	71.8	57.4	35.4	21.4	12.9	9.72	7.89	6.63	4.58	3.83	2.00
1.80V	87.3	65.3	52.5	34.1	20.1	12.5	9.33	7.70	6.38	4.45	3.80	1.98
1.85V	65.0	51.1	43.5	28.9	17.9	11.4	9.02	7.37	5.94	4.20	3.59	1.96

### 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	1311.2	935.0	731.5	449.0	261.5	162.3	125.2	101.5	82.4	55.2	47.1	24.5
1.67V	1165.6	858.3	677.3	421.2	251.4	156.5	119.9	97.0	78.9	54.4	46.3	24.3
1.70V	1119.4	824.2	659.1	409.3	247.4	154.4	117.5	95.8	78.2	54.2	45.9	24.1
1.75V	1045.6	773.7	626.1	395.5	245.1	148.9	112.5	91.7	77.4	54.0	45.4	23.6
1.80V	947.5	715.6	580.3	384.1	231.0	144.1	108.4	89.8	74.7	52.6	45.1	23.5
1.85V	713.5	566.7	486.8	330.6	207.9	113.0	105.4	86.4	69.9	49.7	42.6	23.3



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