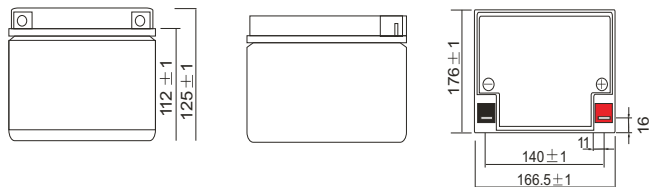




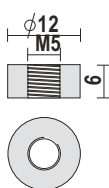
PS-12240 12V 24AH

Dimensions (mm)



Standard Terminal (mm)

T12 Threaded Insert 5mm STUD

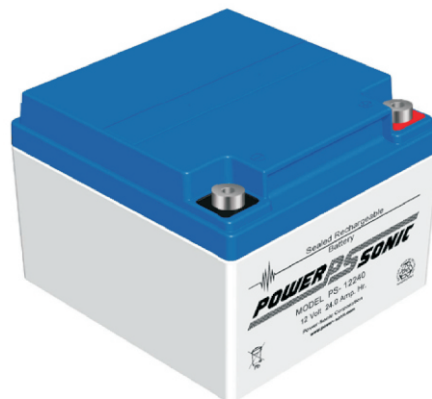


Physical Specification

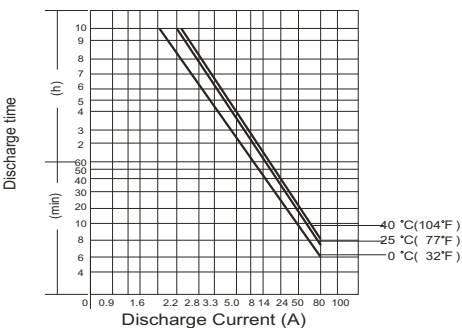
Nominal Voltage		12V
Nominal Capacity (20HR)		24AH
Dimension	Length	166.5 ± 1mm
	Width	176 ± 1mm
	Container Height	112 ± 1mm
	Total Height (with Terminal)	125 ± 1mm
Weight		Approx 7.2kg
Standard Terminal		T12

Electrical Specification

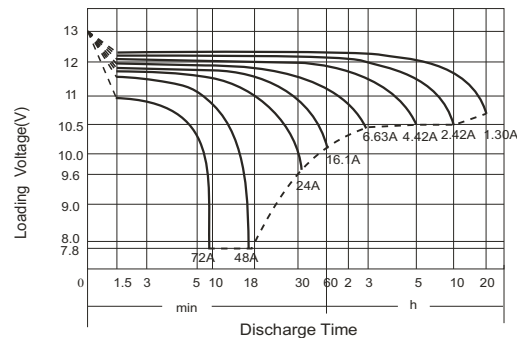
Rated Capacity	20 hour rate (1.3A)	26.0AH	Constant-Voltage	Cycle	Initial Charging Current less than 7.2A. Voltage 14.4V~ 15.0V at 25°C (77°F) Temp. Coefficient -30mV/°C
	10 hour rate (2.4A)	24.0AH			
	5 hour rate (4.42A)	22.1AH			
	1 hour rate (16.1A)	16.1AH			
Capacity affected by Temperature	40°C (104°F)	103%	Charge	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%			



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	92.6	62.9	46.6	27.6	15.6	8.92	6.76	5.43	4.44	2.91	2.41	1.26
1.67V	79.9	56.2	42.3	25.6	14.9	8.54	6.43	5.16	4.23	2.86	2.36	1.25
1.70V	76.2	53.7	41.0	24.8	14.6	8.40	6.29	5.09	4.18	2.84	2.34	1.23
1.75V	69.2	49.3	38.4	23.8	14.1	8.08	6.12	4.96	4.13	2.80	2.32	1.21
1.80V	61.3	44.8	35.1	22.9	13.5	7.79	6.01	4.85	3.97	2.75	2.29	1.20
1.85V	45.7	35.1	29.1	19.4	12.1	7.14	5.58	4.54	3.70	2.59	2.16	1.19

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	921.4	641.8	489.1	301.9	176.2	101.5	77.5	62.6	51.4	34.1	28.4	14.9
1.67V	819.1	589.2	452.9	283.2	169.4	97.9	74.2	59.8	49.2	33.6	27.9	14.7
1.70V	786.7	565.7	440.7	275.2	166.6	96.6	72.7	59.1	48.7	33.4	27.7	14.6
1.75V	734.8	531.1	418.6	265.9	162.1	93.2	70.9	57.6	48.2	32.9	27.4	14.4
1.80V	665.8	491.2	388.0	258.3	155.6	90.2	69.8	56.5	46.5	32.5	27.2	14.2
1.85V	501.4	389.0	325.5	222.3	140.1	83.2	65.3	53.2	43.6	30.7	25.7	14.1



VdS No G103036



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