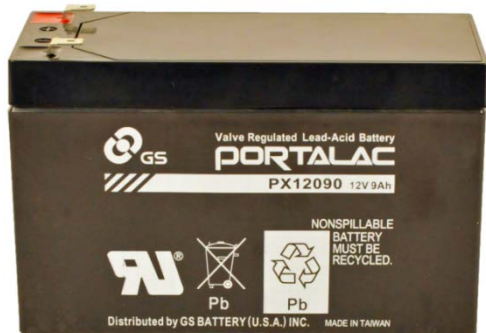


## PX12090F2

- HIGH RATE TYPE -

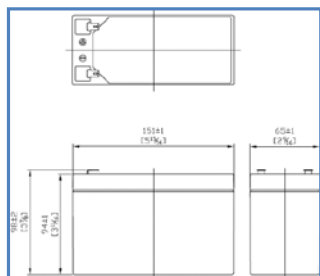


### Specifications

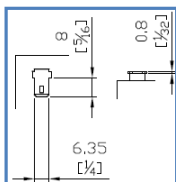
Nominal Voltage	12V
Rated Capacity (20 hour rate)	8.0 Ah
Weight	6.28 lbs. (2.85 kg)
Case Material	Synthetic Resin (ABS)

### Dimensions

Length	5.94 inch (151.0mm)
Width	2.56 inch (65.0mm)
Height	3.70 inch (94.0mm)
Total Height	3.86 inch (98.0mm)



Standard Terminal  
F2 : AMP Fasten  
Type 250



### Characteristics

Energy Density	1.71 Watt-hours/cubic inch
Specific Energy	15.3Watt-hours/pound
Maximum Discharge Current with Standard Terminals	48 A
Maximum Short Duration Discharge Current	120 A (less than 5 sec.)
Vibration Test	No Loss Capacity or Performance (2000 cycles/minute, 0.10 excursion, 2 hours)
Charge Retention (Shelf Life)	% of Nominal Capacity at 77°F (25°C) 1 month 97% 3 month 90% 6 month 80%
Recommended Ambient Temperature Range	Charge : 32°F (0°C) to 104°F (40°C) Discharge : -4°F (-20°C) to 122°F (50°C) Storage : -4°F (-20°C) to 104°F (40°C)
Internal Resistance of Fully Charged Battery	20 Milliohms

### Charging

Recommended Charging Methods	<b>CYCLE USE :</b> Maximum Initial Charge Current : 2A Charging Voltage : 14.4 ~14.7V Charge Should Be Switched to Float Mode or Disconnected When Current Drops to 80mA
	<b>STANDBY USE (Float) :</b> Maximum Initial Charge Current : 2A Charge Voltage : 13.5 ~13.8V

End of Discharge Voltage		Discharge Time										
		10M	15M	30M	1H	2H	3H	4H	5H	8H	10H	20H
10.8V	W	193.30	144.73	84.10	50.19	29.62	21.48	17.30	14.47	9.80	8.20	4.52
	A	15.92	12.02	6.89	4.11	2.43	1.76	1.42	1.19	0.80	0.67	0.38
10.5V	W	202.26	151.77	86.82	51.89	30.63	22.16	17.86	14.92	10.13	8.47	4.68
	A	16.74	12.61	7.09	4.22	2.52	1.81	1.47	1.22	0.83	0.69	0.40
10.2V	W	212.15	158.62	89.53	53.47	31.54	22.83	18.43	15.37	10.45	8.37	4.83
	A	17.50	13.12	7.30	4.34	2.60	1.87	1.51	1.26	0.86	0.71	0.42
9.6V	W	228.71	169.16	95.07	56.86	33.46	24.30	19.56	16.28	11.09	9.27	5.12
	A	18.87	13.95	7.79	4.66	2.77	1.99	1.60	1.33	0.91	0.76	0.44

