

## PE12V12F2

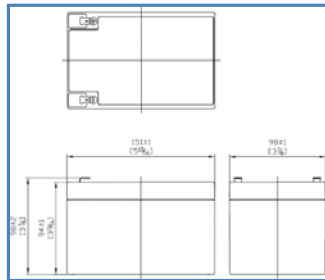


### Specifications

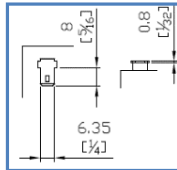
Nominal Voltage	12 V
Rated Capacity (20 hour rate)	12 Ah
Weight	9.59 lbs. (4.35 kg)
Case Material	Synthetic Resin (ABS)

### Dimensions

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



**Standard Terminal**  
F2 : AMP Fasten  
Type 250



### Characteristics

Energy Density	1.70 Watt-hours/cubic inch
Specific Energy	15.0 Watt-hours/pound
Maximum Discharge Current with Standard Terminals	72 A
Maximum Short Duration Discharge Current	180A (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	40 milliohms

### Charging

Recommended Charging Methods	<b>CYCLE USE :</b> Maximum Initial Charge Current : 3A Charging Voltage : 14.4 ~14.7V Charge Should Be Switched to Float Mode or Disconnected When Current Drops to 120mA
	<b>STANDBY USE (Float) :</b> Maximum Initial Charge Current : 3A 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	289.95	217.10	126.15	75.29	44.43	32.22	25.95	21.71	14.70	12.30	6.78
	A	23.88	18.03	10.34	6.17	3.65	2.64	2.13	1.79	1.20	1.00	0.57
10.5V	W	303.39	227.66	130.23	77.84	45.95	33.24	26.79	22.38	15.20	12.71	7.02
	A	25.11	18.91	10.64	6.33	3.78	2.72	2.21	1.83	1.24	1.03	0.60
10.2V	W	318.22	237.94	134.30	80.21	47.31	34.25	27.65	23.06	15.68	13.10	7.25
	A	26.24	19.68	10.95	6.51	3.90	2.81	2.27	1.89	1.28	1.07	0.63
9.6V	W	343.06	253.75	142.61	85.29	50.19	36.45	29.34	24.42	16.64	13.91	7.68
	A	28.30	20.93	11.69	6.99	4.16	2.99	2.40	2.00	1.37	1.13	0.66

