

## PXL12090F2

- HIGH RATE  
LONG LIFE TYPE -

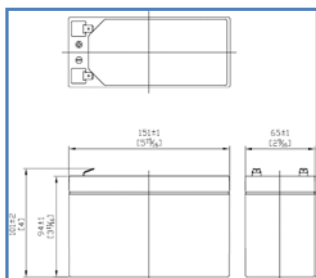


### Specifications

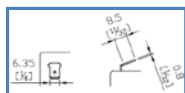
Nominal Voltage	12V
Rated Capacity (20 hour rate)	7.2 Ah
Weight	6.28 lbs. (2.85 kg)
Case Material	Synthetic Resin (ABS)

### Dimensions

Length	5.94 inch (151.0mm)
Width	2.56 inch (65.0mm)
Height	3.70 inch (94.0mm)
Total Height	3.98 inch (101.0mm)



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



### Characteristics

Energy Density	1.53 Watt-hours/cubic inch
Specific Energy	1.38Watt-hours/pound
Maximum Discharge Current with Standard Terminals	43.2 A
Maximum Short Duration Discharge Current	108 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	26 Milliohms

### Charging

Recommended Charging Methods	<b>CYCLE USE :</b> Maximum Initial Charge Current : 1.8A Charging Voltage : 14.4 ~14.7V Charge Should Be Switched to Float Mode or Disconnected When Current Drops to 72mA
	<b>STANDBY USE (Float) :</b> Maximum Initial Charge Current : 1.8A Charging 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	182.67	134.16	77.20	45.17	26.66	19.32	15.56	13.02	8.82	7.38	4.07
	A	15.04	11.14	6.33	3.70	2.19	1.58	1.28	1.07	0.72	0.60	0.34
10.5V	W	191.13	140.69	79.70	46.70	27.57	19.94	16.07	13.43	9.12	7.62	4.21
	A	15.82	11.91	6.70	3.80	2.27	1.63	1.32	1.10	0.75	0.62	0.36
10.2V	W	200.48	147.04	82.19	48.12	28.39	20.55	16.59	13.83	9.41	7.86	4.35
	A	16.53	12.40	6.90	3.91	2.34	1.68	1.36	1.13	0.77	0.64	0.38
9.6V	W	216.13	156.81	87.27	51.17	30.11	21.87	17.60	14.65	9.98	8.34	4.61
	A	17.83	13.18	7.36	4.19	2.49	1.79	1.44	1.20	0.82	0.68	0.40

