

## PXL12120F2

- HIGH RATE  
LONG LIFE TYPE -

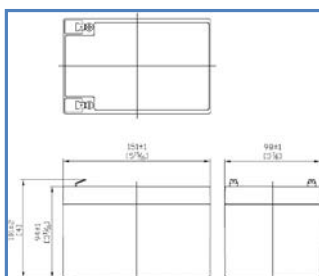


### Specifications

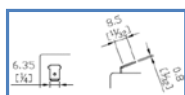
Nominal Voltage	12V
Rated Capacity (20 hour rate)	11 Ah
Weight	9.7 lbs. (4.40 kg)
Case Material	Synthetic Resin (ABS)

### Dimensions

Length	5.94 inch (151.0mm)
Width	3.86 inch (98.0mm)
Height	3.70 inch (94.0mm)
Total Height	3.98 inch (101.0mm)



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



### Characteristics

Energy Density	1.56 Watt-hours/cubic inch
Specific Energy	13.6 Watt-hours/pound
Maximum Discharge Current with Standard Terminals	66 A
Maximum Short Duration Discharge Current	165 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	25 Milliohms

### Charging

Recommended Charging Methods	<b>CYCLE USE :</b> Maximum Initial Charge Current : 2.75A Charging Voltage : 14.4 ~14.7V Charge Should Be Switched to Float Mode or Disconnected When Current Drops to 110mA
	<b>STANDBY USE (Float) :</b> Maximum Initial Charge Current : 2.75A 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	279.08	208.95	121.42	69.01	40.73	29.54	23.79	19.90	13.48	11.28	6.22
	A	22.98	17.02	9.66	5.65	3.34	2.42	1.95	1.64	1.10	0.92	0.53
10.5V	W	292.01	219.12	125.35	71.35	42.12	30.47	24.56	20.52	13.93	11.65	6.44
	A	24.17	18.20	10.24	5.80	3.47	2.49	2.02	1.68	1.14	0.95	0.55
10.2V	W	306.29	229.01	129.26	73.52	43.37	31.39	25.34	21.13	14.37	12.00	6.64
	A	25.26	18.94	10.54	5.97	3.58	2.57	2.08	1.73	1.18	0.98	0.57
9.6V	W	330.20	244.23	137.26	78.18	46.01	33.41	26.90	22.39	15.25	12.75	7.04
	A	27.24	20.14	11.25	6.41	3.81	2.74	2.20	1.83	1.25	1.04	0.60