PC1290

12.0 Volt 9.0 Ah
Maintenance-Free / Rechargeable
Sealed Lead-Acid Battery

Specifications

Nominal Voltage(V)	**12V**

Nominal Capacity

20 hour rate	(0.425A	to	10.50V)	**9.0 Ah**
10 hour rate	(0.85A	to	10.50V)	**8.5 Ah**
5 hour rate	(1.53A	to	10.20V)	**7.65Ah**
15 min rate	(216W	to	9.60V)	**54Wh**
1 C	(9A	to	9.60V)	**5.7Ah**
3 C	(27A	to	9.60V)	**3.6Ah**

Weight	Approx. **5.94Lbs. (2.7kg)**
Internal Resistance (at 1KHz)	Approx. **14 mΩ**

Maximum Discharge Current for

5 seconds:	**135A**

Charging Methods at 77℉(25℃)

Cycle use:

Charging Voltage	**14.4 to 15.0V**
Coefficient -5.0mv/℃/cell	
Maximum Charging Current：	**2.7A**

Standby use:

Float Charging Voltage	**13.50 to 13.80V**
Coefficient -3mv/℃/cell	

Operating Temperature Range

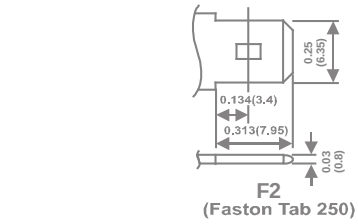
Charge	**5℉(-15℃)**	to	**104℉(40℃)**
Discharge	**5℉(-15℃)**	to	**122℉(50℃)**
Storage	**5℉(-15℃)**	to	**104℉(40℃)**

Charge Retention (shelf life) at 68℉(20℃)

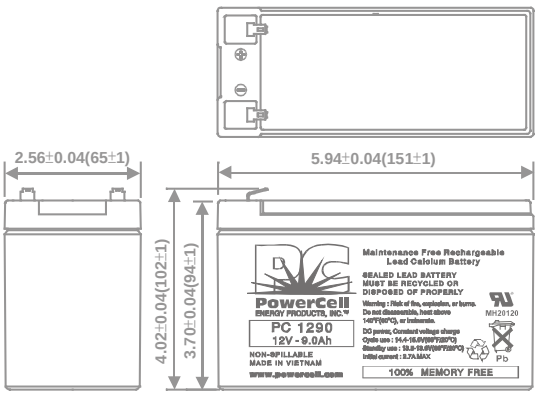
1 month	**92%**
3 month	**90%**
6 month	**80%**

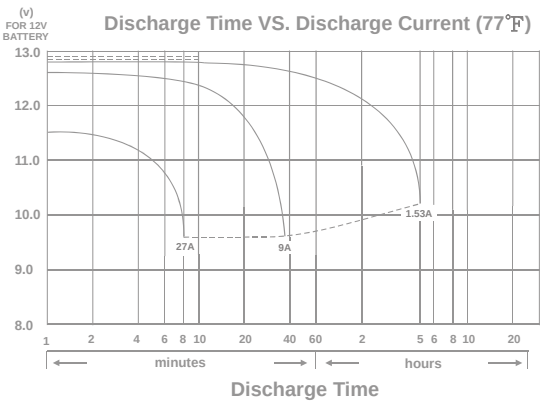
Case Material	**ABS**
(UL94 HB)	
Terminal	**F2 (Faston Tab 250)**

Dimensions inch(mm)



F2
(Faston Tab 250)





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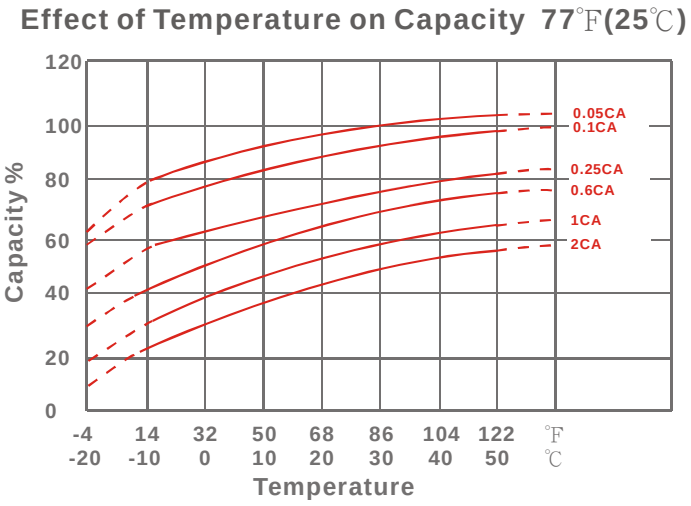

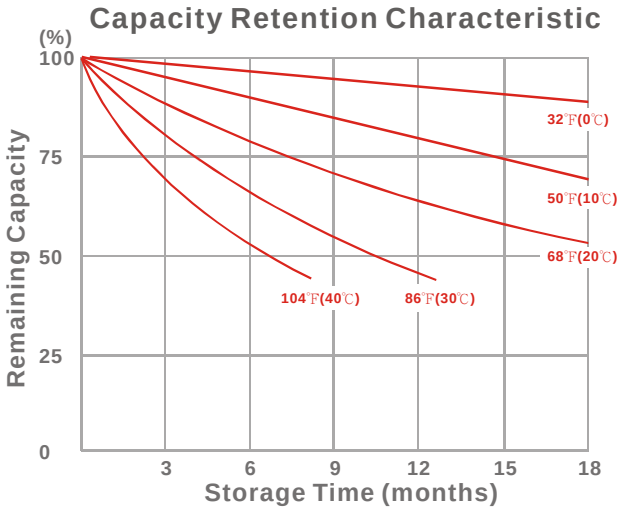

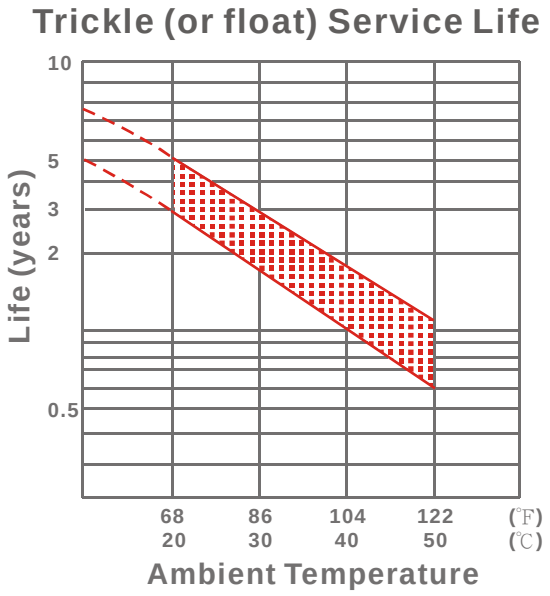

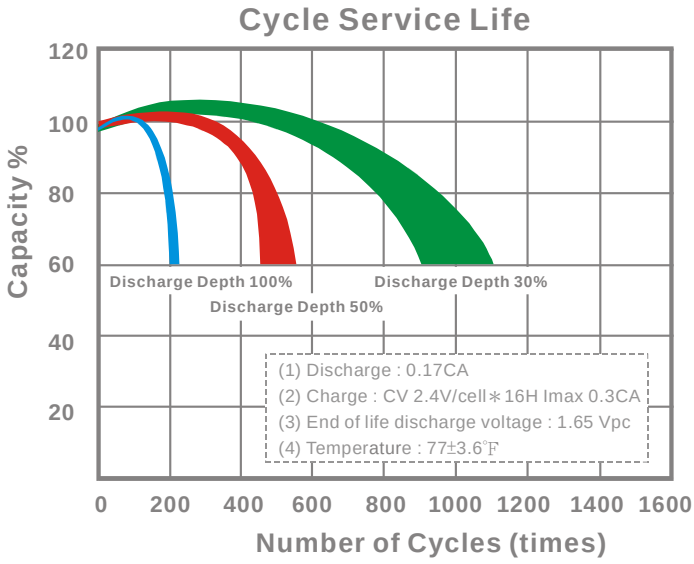

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PowerCell ENERGY PRODUCTS, INC.®

- PERFORMANCE DATA

Discharge Rates in Watts to Various End Voltages at 77℉(25℃)

Time \ End Voltage		1.85V	1.80V	1.75V	1.70V	1.67V	1.65V	1.60V
5	min	342	361	388	407	419	427	448
10	min	219	234	252	264	271	277	290
15	min	181	187	194	200	204	208	216
30	min	94.7	97.3	102	106	107	108	114
60	min	59.8	62.4	64.2	65.8	66.7	67.6	68.8
120	min	32.4	33.4	34.1	34.9	35.2	35.4	35.7
180	min	25.2	26.1	26.9	27.7	28.0	28.5	29.1
240	min	20.4	21.2	21.8	22.4	22.7	23.1	23.5
300	min	17.3	17.9	18.3	18.6	18.7	18.9	19.1
600	min	9.73	10.1	10.3	10.5	10.6	10.7	10.8
1200	min	5.12	5.29	5.41	5.44	5.46	5.48	5.51

- Discharge Rates in Amperes to Various End Voltages at 77℉(25℃)

Time \ End Voltage		1.85V	1.80V	1.75V	1.70V	1.67V	1.65V	1.60V
5	min	30.4	32.6	35.0	36.7	37.4	38.5	40.3
10	min	19.1	20.4	21.9	22.9	23.4	24.1	25.2
15	min	14.3	14.9	15.8	16.5	16.8	17.3	18.0
30	min	8.09	8.45	8.93	9.35	9.54	9.77	10.2
60	min	5.17	5.29	5.37	5.45	5.48	5.52	5.57
120	min	2.63	2.72	2.78	2.84	2.86	2.89	2.93
180	min	2.12	2.18	2.23	2.27	2.29	2.31	2.34
240	min	1.69	1.74	1.77	1.80	1.81	1.82	1.83
300	min	1.46	1.51	1.53	1.55	1.56	1.57	1.58
600	min	0.827	0.841	0.855	0.866	0.871	0.877	0.884
1200	min	0.427	0.442	0.451	0.456	0.459	0.462	0.466

All data on the spec. sheet is an average value:
The tolerance range : X<6min(+15%~-15%), 6min≦X<10min(+12%~-12%),10min ≦X < 60min(+8% ~-8%), X≧60min(+5%~-5%)

Features

- **Absorbent Glass Mat (AGM) technology for superior performance.**
- **Valve-regulated, nonspillable constructionallows for safe, maintenance-free operation.**
- **Excellent power/volume ratio yielding unrivaled energy density.**
- **Rugged, Impact-Resistant, ABS case and cover (UL94-HB)**
- **Approved for transport by air by: DOT.,I.A.T.A., F.A.A. and C.A.B. Certified**
- **UL Recognized under file # MH20120**