



**Battery Performance Data**

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## Constant Power Discharge Performance Data

### Constant Power (Watts per cell) at 25°C/77°F to 1.75Vpc

Battery Type	Standby Time (Minutes)																			
	0.5	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	20	30	45	60
12XE1010F-FR	1178	1178	1127	1038	963	897	840	789	744	704	672	643	617	592	570	548	462	353	266	214
12XE1110F-FR	1262	1262	1228	1141	1066	1000	942	890	843	802	766	733	703	675	649	626	530	410	308	246
12XE1150F-FR	1262	1262	1227	1156	1095	1042	996	954	907	863	822	785	750	718	688	665	569	439	329	264

### Constant Power (Watts per cell) at 25°C/77°F to 1.70Vpc

Battery Type	Standby Time (Minutes)																			
	0.5	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	20	30	45	60
12XE1010F-FR	1278	1278	1216	1146	1051	972	904	844	791	743	701	667	637	610	585	562	470	357	266	214
12XE1110F-FR	1388	1388	1312	1243	1152	1073	1005	945	891	843	799	761	728	697	669	643	540	413	308	246
12XE1150F-FR	1440	1440	1337	1248	1175	1112	1059	1010	966	926	879	835	795	759	725	694	586	449	333	265

### Constant Power (Watts per cell) at 25°C/77°F to 1.67Vpc

Battery Type	Standby Time (Minutes)																			
	0.5	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	20	30	45	60
12XE1010F-FR	1329	1322	1244	1177	1097	1010	935	869	812	761	716	676	644	616	590	566	472	357	266	214
12XE1110F-FR	1457	1432	1343	1270	1195	1109	1035	970	913	860	814	772	737	705	676	649	541	413	308	246
12XE1150F-FR	1524	1514	1397	1298	1218	1150	1091	1038	992	947	905	858	814	775	739	706	592	452	333	265

### Constant Power (Watts per cell) at 25°C/77°F to 1.65Vpc

Battery Type	Standby Time (Minutes)																			
	0.5	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	20	30	45	60
12XE1010F-FR	1361	1347	1262	1190	1125	1031	953	884	824	771	724	682	647	618	592	568	472	357	266	214
12XE1110F-FR	1503	1460	1362	1284	1218	1130	1052	985	923	869	821	777	740	708	678	650	542	413	308	246
12XE1150F-FR	1564	1546	1436	1331	1244	1172	1111	1056	1006	960	916	869	823	782	745	712	595	452	333	265

### Constant Power (Watts per cell) at 25°C/77°F to 1.63Vpc

Battery Type	Standby Time (Minutes)																			
	0.5	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	20	30	45	60
12XE1010F-FR	1393	1369	1277	1202	1137	1051	968	897	835	779	730	687	649	620	593	569	472	357	266	214
12XE1110F-FR	1528	1486	1378	1295	1227	1149	1068	996	932	875	825	782	742	709	678	651	542	413	308	246
12XE1150F-FR	1588	1577	1468	1360	1270	1194	1129	1071	1019	970	924	877	830	788	751	717	597	452	333	265

### Constant Power (Watts per cell) at 25°C/77°F to 1.60Vpc

Battery Type	Standby Time (Minutes)																			
	0.5	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	20	30	45	60
12XE1010F-FR	1442	1403	1297	1216	1147	1077	989	913	847	789	737	692	652	621	594	569	472	357	266	214
12XE1110F-FR	1528	1501	1401	1310	1237	1172	1085	1008	940	882	831	785	744	710	679	651	542	413	308	246
12XE1150F-FR	1588	1579	1502	1402	1304	1223	1153	1092	1036	983	933	884	837	795	758	724	599	452	333	265

### Constant Power (Watts per cell) at 25°C/77°F to 1.55Vpc

Battery Type	Standby Time (Minutes)																			
	0.5	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	20	30	45	60
12XE1010F-FR	1496	1454	1325	1234	1159	1093	1015	933	861	799	742	694	652	621	594	569	472	357	266	214
12XE1110F-FR	1528	1501	1431	1328	1249	1179	1100	1018	948	887	834	787	745	710	679	651	542	413	308	246
12XE1150F-FR	1588	1579	1528	1447	1355	1265	1188	1119	1057	998	943	892	847	805	767	732	599	452	333	265

### Constant Power (Watts per cell) at 25°C/77°F to 1.50Vpc

Battery Type	Standby Time (Minutes)																			
	0.5	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	20	30	45	60
12XE1010F-FR	1496	1467	1350	1243	1164	1095	1032	944	865	799	742	694	652	621	594	569	472	357	266	214
12XE1110F-FR	1528	1501	1434	1339	1254	1180	1106	1022	951	888	834	787	745	710	679	651	542	413	308	246
12XE1150F-FR	1588	1579	1528	1471	1386	1298	1214	1139	1070	1007	951	900	854	810	769	732	599	452	333	265