

Battery Performance Data



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
12XE760-FR	1244	1148	976	860	773	703	644	594	550	513	483	456	432	410	391	374	309	230	171	136
12XE1040-FR	1260	1260	1187	1102	1022	930	846	773	727	692	660	630	603	577	552	528	436	328	241	193
12XE1010F-FR	1178	1178	1127	1039	963	898	840	790	745	704	673	644	617	592	570	549	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	1263	1263	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
12XE760-FR	1385	1279	1073	931	824	744	679	624	577	536	501	473	447	424	404	385	317	235	173	138
12XE1040-FR	1418	1408	1292	1198	1091	988	905	834	774	730	694	661	630	601	575	550	451	337	247	197
12XE1010F-FR	1278	1278	1216	1146	1052	973	904	844	791	744	702	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	1443	1443	1338	1249	1175	1113	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
12XE760-FR	1425	1327	1121	967	851	764	695	638	589	547	511	480	454	431	409	390	320	237	174	138
12XE1040-FR	1525	1485	1359	1257	1145	1040	952	876	809	752	712	676	643	613	586	560	458	340	248	197
12XE1010F-FR	1329	1322	1244	1177	1097	1010	935	870	813	762	717	676	645	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	1525	1515	1399	1299	1219	1150	1091	1039	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
12XE760-FR	1449	1347	1149	988	866	775	704	645	595	553	516	484	457	434	412	393	321	238	174	139
12XE1040-FR	1592	1533	1401	1290	1186	1074	980	901	831	770	722	685	651	620	592	565	461	342	249	198
12XE1010F-FR	1362	1347	1262	1190	1125	1032	953	885	825	772	724	683	648	619	592	568	472	357	266	214
12XE1110F-FR	1503	1460	1361	1284	1218	1130	1052	985	923	869	820	777	740	708	678	650	542	413	308	246
12XE1150F-FR	1564	1547	1437	1332	1245	1173	1111	1056	1006	960	916	869	823	782	745	712	595	452	333	265

Constant Power Discharge Performance Data

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
12XE760-FR	1466	1366	1174	1005	879	784	711	651	601	557	520	487	460	436	414	395	322	238	174	139
12XE1040-FR	1592	1574	1438	1319	1218	1107	1008	923	850	786	732	693	658	626	596	569	464	343	249	198
12XE1010F-FR	1393	1369	1277	1202	1137	1051	969	897	835	780	731	688	650	620	594	569	472	357	266	214
12XE1110F-FR	1528	1486	1379	1295	1227	1149	1068	996	932	875	825	781	742	709	678	651	542	413	308	246
12XE1150F-FR	1588	1578	1470	1361	1271	1194	1129	1072	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
12XE760-FR	1489	1388	1204	1025	894	795	718	657	605	561	523	490	462	437	415	395	323	239	175	139
12XE1040-FR	1592	1574	1483	1350	1247	1154	1042	950	874	807	751	704	667	633	603	575	468	344	250	199
12XE1010F-FR	1443	1403	1297	1216	1147	1077	989	914	848	790	738	693	653	621	594	569	472	357	266	214
12XE1110F-FR	1528	1521	1401	1310	1237	1172	1085	1008	940	882	831	785	744	710	679	651	542	413	308	246
12XE1150F-FR	1588	1588	1503	1403	1305	1224	1154	1092	1036	984	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
12XE760-FR	1516	1404	1234	1044	905	803	724	661	608	564	525	492	462	438	416	396	323	239	175	139
12XE1040-FR	1592	1574	1494	1364	1259	1173	1073	977	897	829	770	721	679	644	612	584	475	349	254	202
12XE1010F-FR	1496	1454	1325	1234	1159	1093	1015	933	862	799	743	695	653	621	594	569	472	357	266	214
12XE1110F-FR	1528	1528	1430	1328	1249	1179	1100	1018	948	887	834	787	745	710	679	651	542	413	308	246
12XE1150F-FR	1588	1588	1554	1448	1356	1266	1188	1120	1057	998	943	893	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
12XE760-FR	1516	1406	1234	1048	907	803	724	661	609	564	525	492	463	438	416	396	323	239	175	139
12XE1040-FR	1592	1574	1494	1364	1260	1173	1083	986	906	838	778	727	684	648	616	588	478	352	256	203
12XE1010F-FR	1496	1496	1350	1243	1164	1095	1032	944	866	799	743	695	653	621	594	569	472	357	266	214
12XE1110F-FR	1528	1528	1453	1338	1254	1181	1106	1022	951	888	834	787	745	710	679	651	542	413	308	246
12XE1150F-FR	1588	1588	1588	1482	1387	1299	1214	1140	1070	1007	951	900	854	810	769	732	599	452	333	265



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