



# XHRL-FT Series

## Extended Discharge Tables

12V Front Terminal VRLA-AGM

\* Published specification data is subject to change without notice

### XHRL12600WFTFR

#### Constant Current Discharge Characteristics Unit: Amperes (25°C, 77°F)

F.V/Time	30SEC	60SEC	2MIN	5MIN	8MIN	10MIN	15MIN	20MIN	30MIN	45MIN	60MIN	90MIN
<b>1.60V</b>	1276	1161	981	728	566	491	368	295	213	154	120	83.5
<b>1.65V</b>	1039	982	906	680	537	472	357	290	210	153	119	83.0
<b>1.67V</b>	944	910	876	661	526	464	353	288	209	152	118	82.7
<b>1.70V</b>	925	894	829	629	504	449	344	282	206	151	117	82.3
<b>1.75V</b>	771	751	732	573	465	416	325	269	199	148	115	81.0
<b>1.80V</b>	632	614	596	502	418	372	300	249	188	142	111	78.5
<b>1.85V</b>	497	478	460	436	357	325	265	222	172	130	103	74.1

#### Constant Power Discharge Characteristics Unit: Watts (25°C, 77°F)

F.V/Time	30SEC	60SEC	2MIN	5MIN	8MIN	10MIN	15MIN	20MIN	30MIN	45MIN	60MIN	90MIN
<b>1.60V</b>	12140	11017	9681	7314	5810	5141	3971	3269	2405	1769	1393	994
<b>1.65V</b>	11037	10289	9143	6993	5603	4970	3888	3213	2377	1758	1385	989
<b>1.67V</b>	10596	9998	8928	6865	5520	4902	3855	3191	2366	1754	1382	988
<b>1.70V</b>	9180	8940	8577	6567	5367	4761	3783	3136	2338	1741	1373	983
<b>1.75V</b>	8937	8716	7674	6030	5019	4473	3629	3006	2269	1704	1349	970
<b>1.80V</b>	7401	7192	6988	5474	4554	4118	3395	2814	2160	1637	1303	945
<b>1.85V</b>	5857	5640	5432	4758	4022	3714	3029	2550	2001	1522	1222	897

### XHRL12720WFTFR

#### Constant Current Discharge Characteristics Unit: Amperes (25°C, 77°F)

F.V/Time	30SEC	60SEC	2MIN	5MIN	8MIN	10MIN	15MIN	20MIN	30MIN	45MIN	60MIN	90MIN
<b>1.60V</b>	1389	1247	1079	5MIN	627	549	414	333	235	166	129	90.3
<b>1.65V</b>	1216	1111	1012	799	597	529	402	326	232	165	128	89.8
<b>1.67V</b>	1086	1046	971	747	583	520	397	323	231	164	127	89.6
<b>1.70V</b>	1064	1027	911	726	561	502	386	316	228	163	126	89.1
<b>1.75V</b>	887	865	815	695	521	462	365	300	220	160	124	87.6
<b>1.80V</b>	728	707	687	629	466	417	339	276	207	152	119	84.8
<b>1.85V</b>	574	553	532	557	401	367	296	246	189	140	111	79.4

#### Constant Power Discharge Characteristics Unit: Watts (25°C, 77°F)

F.V/Time	30SEC	60SEC	2MIN	5MIN	8MIN	10MIN	15MIN	20MIN	30MIN	45MIN	60MIN	90MIN
<b>1.60V</b>	13282	12302	10702	8011	6397	5655	4432	3619	2626	1894	1483	1051
<b>1.65V</b>	12327	11480	10210	7614	6211	5492	4358	3566	2603	1887	1478	1048
<b>1.67V</b>	12203	11093	9888	7436	6121	5408	4318	3535	2590	1882	1475	1046
<b>1.70V</b>	10599	10318	9372	7151	5921	5261	4245	3473	2563	1872	1467	1041
<b>1.75V</b>	10271	9528	8516	6640	5523	4963	4084	3326	2491	1835	1442	1027
<b>1.80V</b>	8521	8269	7547	6128	5044	4598	3766	3109	2373	1761	1392	998
<b>1.85V</b>	6755	6505	6264	5243	4507	4194	3353	2816	2202	1635	1304	941



# XHRL-FT Series

## Extended Discharge Tables

12V Front Terminal VRLA-AGM

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### XHRL12800WFTFR

#### Constant Current Discharge Characteristics Unit: Amperes (25°C, 77°F)

F.V/Time	30SEC	60SEC	2MIN	5MIN	8MIN	10MIN	15MIN	20MIN	30MIN	45MIN	60MIN	90MIN
<b>1.60V</b>	1252	1183	1091	837	694	621	492	401	291	206	162	115
<b>1.65V</b>	1144	1079	983	774	646	586	468	389	285	205	160	113
<b>1.67V</b>	1101	1037	940	749	627	572	458	384	282	204	159	113
<b>1.70V</b>	953	929	888	707	597	551	441	375	277	202	158	112
<b>1.75V</b>	784	761	739	625	551	497	408	353	264	197	156	111
<b>1.80V</b>	619	598	577	550	478	438	373	320	244	187	149	107
<b>1.85V</b>	588	568	549	450	401	380	320	280	220	170	136	100

#### Constant Power Discharge Characteristics Unit: Watts (25°C, 77°F)

F.V/Time	30SEC	60SEC	2MIN	5MIN	8MIN	10MIN	15MIN	20MIN	30MIN	45MIN	60MIN	90MIN
<b>1.60V</b>	12240	11425	10392	8410	7102	6542	5176	4265	3144	2318	1839	1317
<b>1.65V</b>	11345	10632	9662	7919	6822	6207	5000	4159	3091	2298	1825	1310
<b>1.67V</b>	10987	10314	9370	7723	6710	6074	4929	4117	3070	2289	1820	1307
<b>1.70V</b>	9391	9114	8846	7396	6497	5834	4797	4015	3018	2268	1805	1300
<b>1.75V</b>	9088	8834	8124	6846	5920	5388	4541	3791	2897	2213	1763	1278
<b>1.80V</b>	7338	7076	6823	6201	5280	4892	4171	3482	2720	2105	1688	1236
<b>1.85V</b>	6903	6616	5953	5018	4597	4410	3623	3083	2483	1931	1565	1163

### XHRL12900WFTFR

#### Constant Current Discharge Characteristics Unit: Amperes (25°C, 77°F)

F.V/Time	30SEC	60SEC	2MIN	5MIN	8MIN	10MIN	15MIN	20MIN	30MIN	45MIN	60MIN	90MIN
<b>1.60V</b>	1427	1309	1175	925	772	685	538	423	299	210	163	114
<b>1.65V</b>	1280	1179	1079	866	720	649	515	412	293	208	161	112
<b>1.67V</b>	1221	1128	1041	842	698	635	506	407	291	208	160	112
<b>1.70V</b>	1070	1044	972	797	668	611	490	396	285	206	159	111
<b>1.75V</b>	887	862	838	710	622	558	458	371	273	200	156	110
<b>1.80V</b>	770	742	715	626	546	498	420	337	254	189	149	106
<b>1.85V</b>	677	653	631	529	462	434	365	294	230	172	137	99.0

#### Constant Power Discharge Characteristics Unit: Watts (25°C, 77°F)

F.V/Time	30SEC	60SEC	2MIN	5MIN	8MIN	10MIN	15MIN	20MIN	30MIN	45MIN	60MIN	90MIN
<b>1.60V</b>	13991	12905	11475	9119	7732	7077	5665	4699	3377	2427	1914	1370
<b>1.65V</b>	12868	11946	10739	8620	7478	6757	5508	4548	3311	2407	1901	1363
<b>1.67V</b>	12419	11562	10445	8420	7376	6629	5446	4488	3285	2399	1896	1361
<b>1.70V</b>	11420	10589	10014	8094	7128	6406	5326	4361	3226	2377	1882	1354
<b>1.75V</b>	10237	9946	8950	7634	6603	5992	5007	4094	3094	2316	1842	1334
<b>1.80V</b>	8210	7928	7655	7148	6008	5546	4664	3748	2909	2207	1769	1295
<b>1.85V</b>	7558	7052	7395	6135	5386	5057	4133	3325	2671	2034	1647	1219