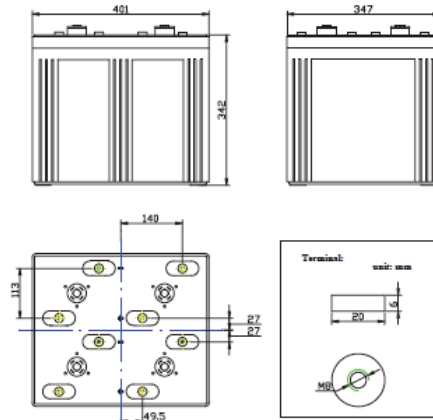


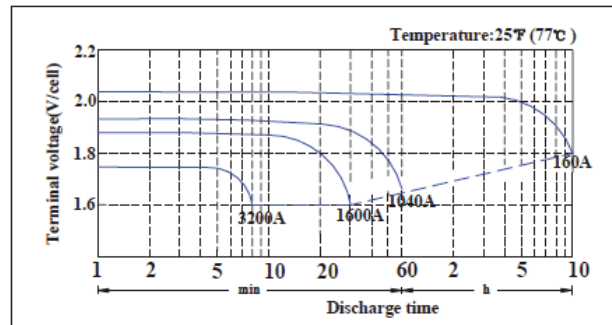
## S2-1895AGM



### Specifications

Nominal Voltage		2V
Rated Capacity (10 hour rate)		1600AH
Dimension	Total Height	378mm(14.88inches)
	Height	342mm(13.46inches)
	Length	401mm(15.79inches)
	Width	347mm(13.66inches)
Weight		Approx105.8kg (233.25lbs)

### Discharge characteristics 77°F (25°C)



**Float charge method:** Constant voltage: 2.23V/Cell(25°C)  
Temperature compensation factor: - 3mV/°C/Cell

### Constant power discharge watts per cell @ 77°F (25°C)

End Point Volt/cell	Operation Time To End Point Voltage																
	5min	10min	15min	20min	25min	30min	35min	40min	45min	1h	2h	3h	5h	8h	10h	12h	24h
1.60	5928	4720	4048	3602	3176	2936	2707	2526	2389	2042	1261	928	614	408	332	279	144
1.63	5515	4477	3944	3455	3073	2824	2652	2480	2350	1989	1222	906	610	408	332	279	144
1.65	5363	4434	3851	3432	3051	2798	2595	2433	2309	1989	1222	906	596	408	328	279	144
1.67	5180	4363	3775	3361	3016	2749	2554	2405	2286	1989	1222	906	595	400	325	279	144
1.70	5014	4111	3677	3253	2926	2673	2515	2377	2262	1934	1188	869	584	398	320	279	144
1.75	4626	3928	3455	3116	2828	2584	2428	2325	2193	1879	1148	848	568	390	318	279	144
1.80	4192	3609	3185	2916	2662	2495	2326	2205	2125	1808	1109	840	556	382	314	270	144
1.85	3013	2726	2544	2347	2184	2032	1926	1803	1739	1527	965	732	483	336	281	242	129
1.90	2407	2224	2093	1955	1837	1754	1679	1608	1560	1374	890	671	459	314	265	227	121

### Constant current discharge ratings amperes @ 77°F (25°C)

End Point Volt/cell	Operation Time To End Point Voltage																
	5min	10min	15min	20min	25min	30min	35min	40min	45min	1h	2h	3h	5h	8h	10h	12h	24h
1.60	3497	2762	2313	1507	1760	1616	1484	1376	1297	1060	660	485	320	208	168	142	73.6
1.63	3276	2664	2237	1910	1695	1545	1454	1339	1265	1073	649	478	314	208	168	142	73.6
1.65	3156	2559	2165	1897	1674	1529	1411	1315	1245	1057	639	470	308	208	166	142	73.6
1.67	3009	2486	2097	1859	1655	1497	1385	1297	1229	1044	631	461	305	205	165	142	73.6
1.70	2698	2372	2033	1788	1598	1450	1359	1282	1214	1026	622	451	300	202	163	141	73.6
1.75	2614	2173	1906	1699	1529	1393	1301	1241	1169	994	598	436	292	200	161	140	73.6
1.80	2310	1977	1744	1582	1432	1344	1243	1166	1123	947	574	416	284	195	160	137	73.6
1.85	1617	1457	1353	1252	1153	1066	1010	942	906	794	495	375	246	170	142	122	65
1.90	1264	1166	1094	1015	951	906	868	829	804	706	450	341	231	158	133	114	60.9