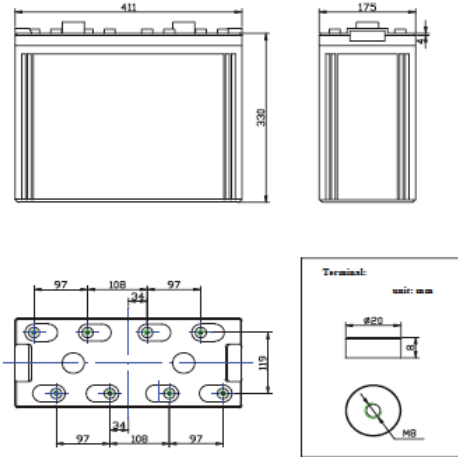


S2-945AGM

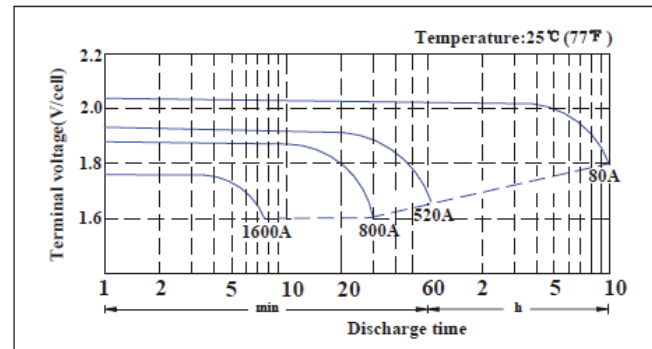
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Specifications

Nominal Voltage		2V
Rated Capacity (10 hour rate)		800AH
Dimension	Total Height	365mm(14.37inches)
	Height	330mm(12.99inches)
	Length	411mm(16.18inches)
	Width	175mm(6.89inches)
Weight		Approx.54.50kg (119.9Ibs)

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	2935	2390	2049	1822	1606	1485	1369	1277	1207	1031	637	464	307	204	166	139	72.4
1.63	2792	2266	1995	1748	1554	1428	1340	1253	1187	1005	617	453	305	204	166	139	72.4
1.65	2715	2246	1949	1736	1543	1416	1312	1230	1170	1005	616	453	298	204	164	139	72.4
1.67	2622	2208	1910	1700	1525	1390	1292	1216	1155	1005	617	453	298	200	163	139	72.4
1.70	2538	2081	1860	1645	1480	1352	1271	1202	1143	977	600	436	292	199	160	139	72.4
1.75	2341	1989	1748	1573	1429	1309	1227	1175	1108	949	580	424	284	195	159	139	72.4
1.80	2124	1827	2460	1477	1347	1263	1176	1114	1072	914	562	420	278	191	157	135	72.4
1.85	1627	1471	1373	1266	1178	1096	1039	972	938	823	520	390	258	179	150	129	68.6
1.90	1300	1201	1130	1055	991	946	906	866	841	741	479	358	244	167	141	121	64.6

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	1770	1405	1170	1024	890	817	750	696	656	553	333	243	160	104	84	70.8	36.8
1.63	1659	1348	1131	966	858	781	735	677	639	542	328	239	157	104	84	70.8	36.8
1.65	1598	1295	1097	960	847	773	713	665	629	534	324	235	154	104	83.2	70.8	36.8
1.67	1524	1258	1061	940	837	757	700	656	621	527	318	230	152	102	82.4	70.8	36.8
1.70	1454	1202	1029	904	808	733	687	646	614	518	312	224	150	101	81.6	70.8	36.8
1.75	1323	1101	962	859	773	705	656	626	591	500	302	219	146	100	80.8	70	36.8
1.80	1170	1001	882	800	724	679	628	591	568	480	291	216	143	97.6	80	68.8	36.6
1.85	874	786	730	676	622	575	545	508	488	428	267	200	131	91.1	75.5	64.9	34.7
1.90	683	629	591	548	513	489	468	447	433	381	243	182	123	84	70.8	60.7	32.5