

# E-AGM SERIES—Long Life Standby Batteries

E-AGM-800 (2V800AH)

Specifications	
Nominal Voltage	2V
Nominal Capacity	800Ah (8 Hr to 1.75 V/cell @ 77°F)
Dimensions	Length 6.06 inches
	Width 9.02 inches
	Height (with Terminal) 22.28 inches
Weight	114.4 lbs.
Container Material	ABS (V0 flame retardant case and cover optional)
Hardware / Torque Rating	M8 / 98–130 in. lbs.
Preferred Operating Temp.	68–77 °F
Operating Temp Range	Discharge: –15~55°C (5~130°F)
	Charge: 0~40°C (32~104°F)
	Storage: –15~40°C (32~104°F)
Internal Resistance	Approx. 0.21mOhms
Max. Discharge Current	6400A (5s)
Float Voltage	2.25V at 77°F
Equalize Voltage	2.35V at 77°F
Max. Charge Current Allowed	160 Amps
Self Discharge	The AGM series batteries may be stored for up to 6 months at 25°C (77°F) and then a freshening charge is required. For higher temperatures the time interval will be shorter.



### Applications

- Telecommunications
- Utility
- UPS
- Oil and gas
- Railways



Constant Current Discharge (Amperes) at 25°C (77°F)											
F.V/Time	15 min	30 min	45 min	1h	2h	3h	4h	5h	6h	8h	10h
1.85 V/cell	648	501	425	371	253	192	157	133	117	94.2	79.0
1.80 V/cell	762	570	483	420	281	209	169	142	124	98.2	82.4
1.75 V/cell	817	609	511	442	290	214	172	146	126	100	83.5
1.70 V/cell	868	661	543	468	301	219	176	148	128	101	84.2
1.65 V/cell	917	722	579	493	312	229	183	152	131	103	85.5
1.60 V/cell	975	792	624	522	321	235	185	154	133	104	86.0

Constant Current Discharge (Watts) at 25°C (77°F)											
F.V/Time	15 min	30 min	45 min	1h	2h	3h	4h	5h	6h	8h	10h
1.85 V/cell	1232	966	800	692	499	404	332	277	242	199	169
1.80 V/cell	1410	1119	937	808	539	428	351	293	256	211	179
1.75 V/cell	1495	1197	1005	878	559	441	356	301	261	216	182
1.70 V/cell	1563	1273	1072	931	585	450	363	307	269	221	184
1.65 V/cell	1605	1316	1111	967	609	459	372	313	276	225	185
1.60 V/cell	1657	1369	1160	999	635	471	380	321	282	230	190

