

# E-AGM SERIES--Long Life Standby Batteries

E-AGM-400 (2V400AH)



Specifications	
Nominal Voltage	2V
Nominal Capacity	400Ah (8 Hr to 1.75 V/cell @ 77°F)
Dimensions	Length 6.54 inches
	Width 7.26 inches
	Height (with Terminal) 14.65 inches
Weight	53.9lbs.
Container Material	ABS (VO 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. 0.35mOhms
Max. Discharge Current	3200A (5s)
Float Voltage	2.25V at 77°F
Equalize Voltage	2.35V at 77°F
Max. Charge Current Allowed	80 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	386	282	230	191	121	95.4	79.3	68.0	59.8	48.1	40.0
1.80 V/cell	436	317	253	211	134	101	81.9	70.4	61.8	49.5	41.1
1.75 V/cell	462	339	273	226	140	104	84.7	72.1	63.4	50.5	42.1
1.70 V/cell	488	364	285	237	145	107	87.1	74.1	64.4	51.1	42.7
1.65 V/cell	520	396	305	248	150	110	88.3	74.8	65.3	52.0	43.3
1.60 V/cell	558	413	319	261	154	113	90.7	76.7	66.1	52.7	43.8

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	734	578	476	405	269	205	171	145	124	97.0	81.8
1.80 V/cell	806	649	524	445	293	216	178	152	131	100	85.1
1.75 V/cell	845	673	540	455	299	224	184	156	135	103	86.5
1.70 V/cell	878	697	560	474	310	233	188	160	138	107	87.8
1.65 V/cell	911	715	585	498	319	242	195	164	141	109	90.4
1.60 V/cell	949	756	627	539	347	257	205	170	145	113	92.7

