

E-AGM SERIES—Long Life Standby Batteries

E-AGM-600 (2V600AH)



Specifications	
Nominal Voltage	2V
Nominal Capacity	600Ah (8 Hr to 1.75 V/cell @ 77°F)
Dimensions	Length 8.78 inches
	Width 7.26 inches
	Height (with Terminal) 14.65 inches
Weight	77 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. 0.28mOhms
Max. Discharge Current	4800A (5s)
Float Voltage	2.25V at 77°F
Equalize Voltage	2.35V at 77°F
Max. Charge Current Allowed	120 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	579	424	344	286	181	143	119	102	89.7	72.1	60.0
1.80 V/cell	653	475	380	317	201	151	123	106	92.7	74.3	61.7
1.75 V/cell	693	508	409	339	210	156	127	108	95.0	75.7	63.1
1.70 V/cell	732	546	428	355	217	161	131	111	96.6	76.6	64.0
1.65 V/cell	781	594	457	372	226	165	132	112	97.9	78.1	65.0
1.60 V/cell	837	620	478	392	231	170	136	115	99.2	79.1	65.7

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	1101	866	714	607	404	307	257	217	186	146	123
1.80 V/cell	1209	974	786	667	440	325	267	228	196	150	128
1.75 V/cell	1268	1010	810	683	448	337	276	235	202	154	130
1.70 V/cell	1318	1045	840	711	464	349	282	241	207	160	132
1.65 V/cell	1366	1072	878	746	478	362	292	246	211	164	136
1.60 V/cell	1424	1134	941	808	521	386	308	255	218	170	139

