

AGM SERIES—Long Life Standby Batteries

AGM-250 (2V250AH)

Specifications

Nominal Voltage	2V
Nominal Capacity	250Ah (8Hr to 1.75 V/cell @ 77°F)
Dimensions	Length 6.69 inches
	Width 4.33 inches
	Height (with Terminal) 13.78 inches
Weight	31.97 lbs.
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. 1.0mOhms
Max. Discharge Current	2000A (5s)
Float Voltage	2.25V at 77°F
Equalize Voltage	2.35V at 77°F
Max. Charge Current Allowed	50 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	251	187	150	125	77.8	59.3	48.5	41.3	36.1	30.1	24.1
1.80 V/cell	285	201	158	131	81.3	62.3	50.7	43.0	37.7	30.7	25.0
1.75 V/cell	314	213	166	136	84.5	64.3	52.4	44.4	38.6	31.3	25.3
1.70 V/cell	335	223	172	141	87.9	66.3	53.6	45.1	39.3	31.7	25.6
1.65 V/cell	353	234	180	146	90.8	67.8	54.7	46.1	40.0	32.2	25.9

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	476	358	289	242	151	116	95.2	81.4	71.3	59.6	47.9
1.80 V/cell	534	381	302	252	157	121	99.1	84.4	74.2	60.6	49.6
1.75 V/cell	578	401	315	262	162	124	102	86.7	75.7	61.6	50.2
1.70 V/cell	611	417	325	269	168	128	103	88.0	76.9	62.4	50.8
1.65 V/cell	636	434	337	277	173	130	105	89.5	78.0	63.2	51.3

T1 Terminal

Unit: mm [inches]

