

AGM SERIES—Long Life Standby Batteries

AGM-200 (2V200AH)

Specifications

Nominal Voltage	2V
Nominal Capacity	200Ah (8Hr to 1.75 V/cell @ 77°F)
Dimensions	Length 6.69 inches
	Width 4.33 inches
	Height (with Terminal) 13.78 inches
Weight	29.99 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. 1.0mOhms
Max. Discharge Current	1600A (5s)
Float Voltage	2.25V at 77°F
Equalize Voltage	2.35V at 77°F
Max. Charge Current Allowed	40 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	201	150	120	100	62.2	47.5	38.8	33.0	28.9	24.1	19.3
1.80 V/cell	228	161	126	104	65.0	49.8	40.5	34.4	30.2	24.6	20.0
1.75 V/cell	251	170	133	109	67.6	51.5	41.9	35.5	30.9	25.0	20.3
1.70 V/cell	268	178	138	113	70.3	53.1	42.8	36.1	31.4	25.4	20.5
1.65 V/cell	282	187	144	117	72.6	54.3	43.8	36.9	32.0	25.8	20.7

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	381	286	231	194	121	92.8	76.1	65.1	57.0	45.8	20.5
1.80 V/cell	427	305	241	201	125	96.9	79.3	67.5	59.4	47.7	21.2
1.75 V/cell	462	320	252	209	130	99.8	81.7	69.4	60.6	48.5	21.3
1.70 V/cell	489	333	260	215	135	102	83.1	70.4	61.5	40.6	21.5
1.65 V/cell	509	347	270	222	138	104	84.6	71.6	62.4	41.0	21.7

T11 Terminal

Unit: mm [inches]

