

# AGM SERIES—Long Life Standby Batteries

AGM-150 (2V150AH)

## Specifications

Nominal Voltage	2V	
Nominal Capacity	150Ah (8Hr to 1.75 V/cell @ 77°F)	
Dimensions	Length	6.69 inches
	Width	3.86 inches
	Height (with Terminal)	8.35 inches
Weight	18.7 lbs.	
Container Material	ABS (V0 flame retardant case and cover optional)	
Hardware / Torque Rating	M6 / 35–48 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. 1.1mOhms	
Max. Discharge Current	1200A (5s)	
Float Voltage	2.25V at 77°F	
Equalize Voltage	2.35V at 77°F	
Max. Charge Current Allowed	30 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	150	112	90.2	75.2	46.7	35.6	29.1	24.8	21.6	18.1	14.4
1.80 V/cell	171	120	94.9	78.7	48.8	37.4	30.4	25.8	22.6	18.4	15.0
1.75 V/cell	188	127	99.8	82.1	50.7	38.6	31.4	26.6	23.2	18.8	15.2
1.70 V/cell	201	134	103	85.0	52.7	39.8	32.1	27.1	23.6	19.0	15.4
1.65 V/cell	212	140	108	88.0	54.5	40.7	32.8	27.7	24.0	19.3	15.6

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	285	215	173	145	90.7	69.6	57.1	48.8	42.8	35.8	15.4
1.80 V/cell	320	228	181	151	94.4	72.6	59.4	50.7	44.5	36.4	15.9
1.75 V/cell	347	240	189	157	97.8	74.9	61.2	52.0	45.4	37.0	16.0
1.70 V/cell	366	250	195	161	101	76.9	62.3	52.8	46.2	37.4	16.1
1.65 V/cell	381	260	202	166	104	78.3	63.5	53.7	46.8	37.9	16.3

## T7 Terminal Unit: mm [inches]

