

AGM SERIES—Long Life Standby Batteries

AGM-300 (2V300AH)

Specifications

Nominal Voltage	2V	
Nominal Capacity	300Ah (8Hr to 1.75 V/cell @ 77°F)	
Dimensions	Length	6.69 inches
	Width	5.91 inches
	Height (with Terminal)	13.78 inches
Weight	41.2 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. 0.9mOhms	
Max. Discharge Current	2400A (5s)	
Float Voltage	2.25V at 77°F	
Equalize Voltage	2.35V at 77°F	
Max. Charge Current Allowed	60 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	301	225	180	150	93.3	71.2	58.2	49.6	43.3	36.2	28.9
1.80 V/cell	343	241	189	157	97.5	74.7	60.8	51.7	45.2	36.9	30.0
1.75 V/cell	376	255	199	164	101	77.2	62.9	53.2	46.3	37.5	30.4
1.70 V/cell	402	268	207	169	105	79.6	64.3	54.2	47.1	38.1	30.8
1.65 V/cell	423	281	216	176	108	81.4	65.6	55.3	47.9	38.6	31.1

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	571	430	347	291	181	139	114	97.7	85.6	71.5	30.8
1.80 V/cell	641	457	362	302	188	145	118	101	89.0	72.8	31.8
1.75 V/cell	694	481	379	314	195	149	122	104	90.9	74.0	31.9
1.70 V/cell	733	500	390	323	202	153	124	105	92.3	74.9	32.3
1.65 V/cell	763	521	405	333	208	156	126	107	93.6	75.8	32.6

T11 Terminal

Unit: mm [inches]

