

AGM SERIES—Long Life Standby Batteries

AGM-400 (2V400AH)

Specifications

Nominal Voltage	2V	
Nominal Capacity	400Ah (8Hr to 1.75 V/cell @ 77°F)	
Dimensions	Length	8.27 inches
	Width	6.89 inches
	Height (with Terminal)	13.78 inches
Weight	56.2 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. 0.7mOhms	
Max. Discharge Current	3200A (5s)	
Float Voltage	2.25V at 77°F	
Equalize Voltage	2.35V at 77°F	
Max. Charge Current Allowed	80 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	402	300	240	200	124	94.9	77.6	66.1	57.7	48.2	38.5
1.80 V/cell	457	322	253	209	130	99.6	81.1	68.9	60.3	49.2	40.0
1.75 V/cell	502	341	266	218	135	102	83.8	71.0	61.7	50.0	40.5
1.70 V/cell	536	357	276	226	140	106	85.7	72.2	62.8	50.8	41.0
1.65 V/cell	565	375	288	234	145	108	87.5	73.8	63.9	51.5	41.5

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	761	689	462	388	242	185	152	130	114	95.4	76.6
1.80 V/cell	854	759	483	403	251	193	158	135	118	97.0	79.4
1.75 V/cell	925	809	505	419	260	199	163	138	121	98.6	80.4
1.70 V/cell	978	858	520	431	270	205	166	140	123	99.8	81.3
1.65 V/cell	1018	891	540	444	277	208	169	143	124	101	82.1

T11 Terminal

Unit: mm [inches]

