

# E-AGM Series Batteries

## E-AGM-2000 (2V2000AH)

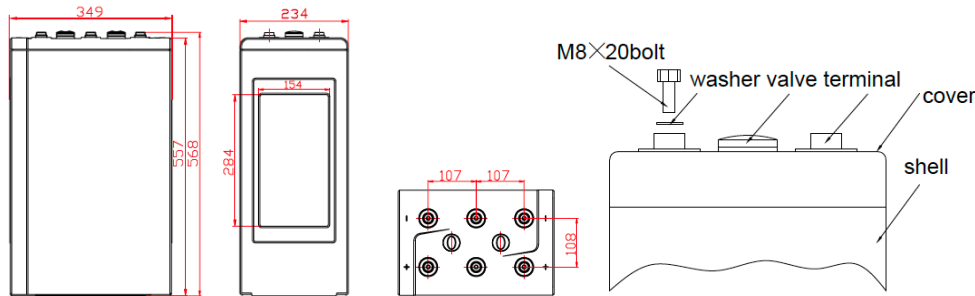


### Specifications

Battery Model	Eos-2000			
Nominal Voltage	2V			
Capacity (25°C)	10HR (200A,1.80V)	3HR (500A,1.80V)	1HR (1100A,1.75V)	
	2000AH	1500AH	1100AH	
Dimensions	Length	Width	Height	Total Height
	349mm	234mm	557mm	568mm
Approx. Weight	117kg			
Internal Resistance	Approx 0.12mΩ			
Short Circuit Current	16242A			
Max Charge Current Allowed	500A			
Charge Voltage (25°C)	Cycle Use		Float Use	
	2.35V/cell		2.25V/cell	
Temperature Ranges	Operation (maximum):		-40°C to 55°C (-40°F to 131°F)	
	Operation (recommended):		15°C to 25°C (59°F to 77°F)	
	Storage:		-20°C to 40°C (-4°F to 104°F)	
Terminal	M8 Female			
Terminal Hardware Torque	>10N m			
Container Material	ABS (V0 optional)			
Self Discharge	The residual capacity is above 94% after 90 days storage (77°F /25°C)			

### Applications:

- Telecommunications
- Utility
- UPS
- Oil and gas
- Railways



### Constant Current Discharge (Amps) at 77°F (25°C)

End Voltage	1h	2h	3h	5h	8h	10h	12h	20h
1.65V	1227	743	557	391	267	216	184	113
1.70V	1187	729	553	387	263	213	181	112
1.75V	1133	737	548	381	256	211	179	111
1.80V	1227	714	544	376	252	208	177	109

### Constant Power Discharge (Watt/Cell) at 25°C (77°F)

End Voltage	1h	2h	3h	5h	8h	10h	12h	20h
1.65V	2213	1450	1076	729	508	426	365	226
1.70V	2149	1417	1061	722	501	420	360	223
1.75V	2064	1403	1047	714	496	416	357	220
1.80V	1948	1293	1000	703	492	412	352	217