

E-AGM Series Batteries

E-AGM-1000 (2V1000AH)

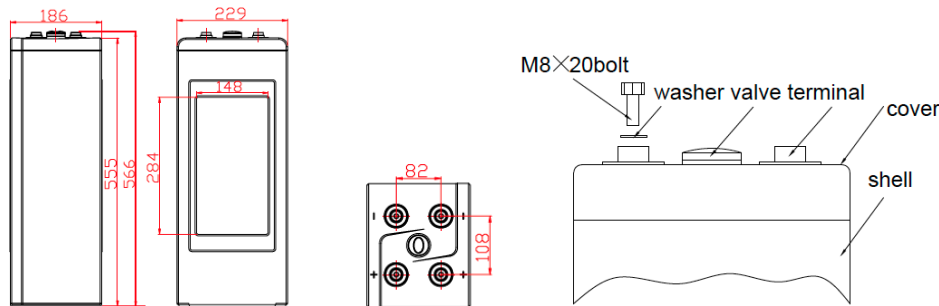
Specifications

Battery Model	Eos-1000			
Nominal Voltage	2V			
Capacity (25°C)	10HR (100A, 1.80V)	3HR (250A, 1.80V)	1HR (550A, 1.75V)	
	1000AH	750AH	550AH	
Dimensions	Length	Width	Height	Total Height
	186mm	229mm	555mm	566mm
Approx. Weight	61.0kg			
Internal Resistance	Approx 0.32mΩ			
Short Circuit Current	10335A			
Max Charge Current Allowed	250A			
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	565	345	265	185	120	108	91.8	56.8
1.70V	560	340	260	180	117	106	90.1	55.7
1.75V	550	335	255	175	115	104	88.5	54.6
1.80V	546	330	250	172	113	100	85.2	52.5

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

End Voltage	1h	2h	3h	5h	8h	10h	12h	20h
1.65V	1090	725	570	400	288	250	212.7	131.4
1.70V	1070	705	560	390	277	240	204.2	126.1
1.75V	1050	695	540	380	268	230	195.8	120.4
1.80V	1025	680	530	370	246	205	174.7	107.6