

E-AGM Series Batteries

E-AGM-800 (2V800AH)

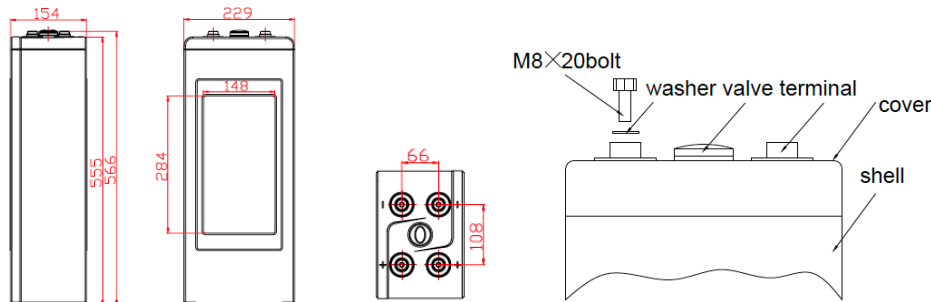
Specifications

Battery Model	Eos-800			
Nominal Voltage	2V			
Capacity (25°C)	10HR (80A, 1.80V)	3HR (200A, 1.80V)	1HR (440A, 1.75V)	
	800AH	600AH	440AH	
Dimensions	Length	Width	Height	Total Height
	154mm	229mm	555mm	566mm
Approx. Weight	50.0kg			
Internal Resistance	Approx 0.34mΩ			
Short Circuit Current	8554A			
Max Charge Current Allowed	200A			
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	447	270	207	145	97	86	73.2	45.2
1.70V	445	265	205	140	95	85	72.3	44.7
1.75V	440	263	203	137	92	83	70.7	43.7
1.80V	437	260	200	135	90	80	68.1	42.1

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

End Voltage	1h	2h	3h	5h	8h	10h	12h	20h
1.65V	860	570	450	320	230	200	170.2	105.1
1.70V	840	550	440	310	221	190	161.7	99.8
1.75V	820	545	425	305	211	180	153.3	94.7
1.80V	800	530	410	270	187	160	136.3	82.4