

E-AGM Series Batteries

E-AGM-1500 (2V1500AH)

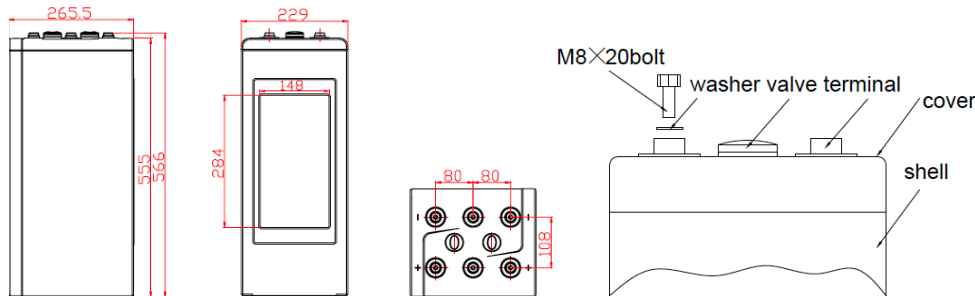
Specifications

Battery Model	Eos-1500			
Nominal Voltage	2V			
Capacity (25°C)	10HR (150A, 1.80V)	3HR (375A, 1.80V)	1HR (825A, 1.75V)	
	1500AH	1125AH	825AH	
Dimensions	Length	Width	Height	Total Height
	265.5mm	229mm	555mm	566mm
Approx. Weight	88kg			
Internal Resistance	Approx 0.16mΩ			
Short Circuit Current	13281A			
Max Charge Current Allowed	375A			
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	890	553	415	290	197	160	136	84
1.70V	850	547	411	286	192	158	134	83
1.75V	827	536	408	282	189	156	133	82
1.80V	799	513	392	271	182	153	130	80

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

End Voltage	1h	2h	3h	5h	8h	10h	12h	20h
1.65V	1660	1087	807	547	381	319	271	167
1.70V	1611	1063	796	541	376	315	267	165
1.75V	1548	1052	785	535	372	312	264	163
1.80V	1461	970	750	527	369	309	259	160