

E-AGM Series Batteries

E-AGM-1200 (2V1200AH)

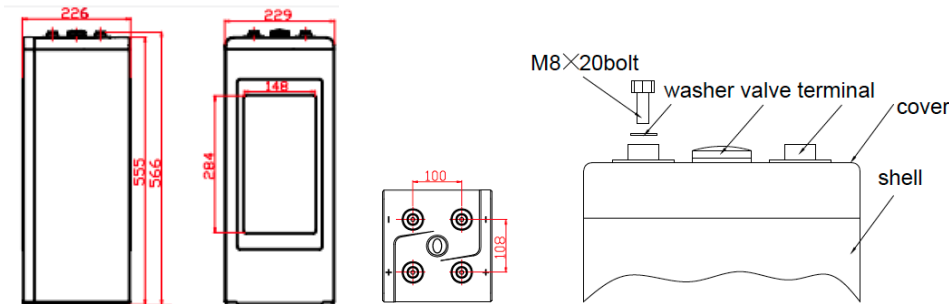
Specifications

Battery Model	Eos-1200			
Nominal Voltage	2V			
Capacity (25°C)	10HR (120A, 1.80V)	3HR (300A, 1.80V)	1HR (660A, 1.75V)	
	1200AH	900AH	660AH	
Dimensions	Length	Width	Height	Total Height
	226mm	229mm	555mm	566mm
Approx. Weight	72.0kg			
Internal Resistance	Approx 0.17mΩ			
Short Circuit Current	12068A			
Max Charge Current Allowed	300A			
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	675	415	306	220	158	125	106	66
1.70V	672	438	304	215	154	124	105	65
1.75V	666	429	302	210	151	123	105	65
1.80V	660	410	300	205	146	121	103	64

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

End Voltage	1h	2h	3h	5h	8h	10h	12h	20h
1.65V	1310	870	685	480	305	300	214	132
1.70V	1280	845	670	465	301	285	212	131
1.75V	1260	830	645	455	298	270	210	130
1.80V	1230	810	630	440	295	245	207	128