

E-AGM Series Batteries

E-AGM-200 (2V200AH)

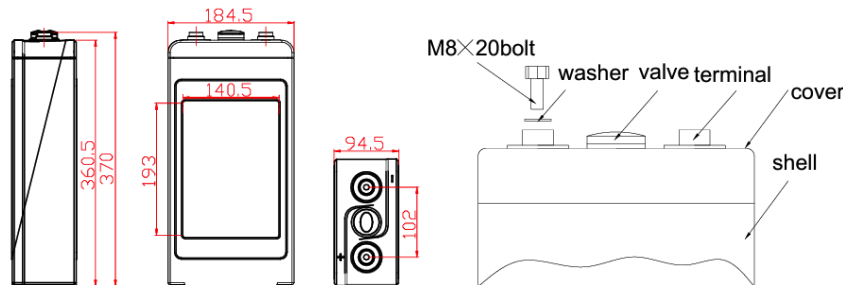
Specifications

Battery Model	Eos-200			
Nominal Voltage	2V			
Capacity (25°C)	10HR (20A, 1.80V)	3HR (50A, 1.80V)	1HR (110A, 1.75V)	
	200AH	150AH	110AH	
Dimensions	Length	Width	Height	Total Height
	94.5mm	184.5mm	360.5mm	370mm
Approx. Weight	12.8kg			
Internal Resistance	Approx 0.72mΩ			
Short Circuit Current	3084A			
Max Charge Current Allowed	50A			
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	121	76	55	37.2	25.2	21.6	18.4	11.3
1.70V	118	74	54	36.8	24.8	21.2	18.0	11.1
1.75V	114	73	53	36.4	24.4	20.8	17.7	10.9
1.80V	107	70	52	35.2	24.0	20.4	17.3	10.7

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

End Voltage	1h	2h	3h	5h	8h	10h	12h	20h
1.65V	210	138	104	71.2	49.6	41.6	35.4	21.8
1.70V	206	137	103	70.8	49.2	41.2	35.0	21.6
1.75V	198	134	102	70.4	48.8	40.8	34.7	21.4
1.80V	185	130	99.2	69.2	48.4	40.4	34.3	21.2