

# E-AGM Series Batteries

E-AGM-400 (2V400AH)

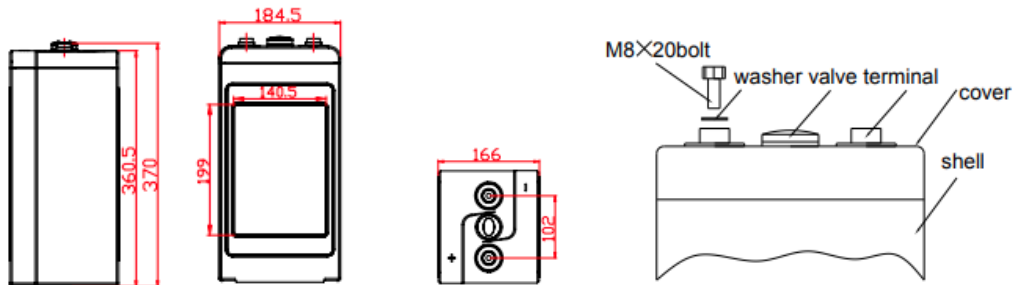
## Specifications

Battery Model	Eos-400			
Nominal Voltage	2V			
Capacity (25°C)	10HR (40A, 1.80V)	3HR (100A, 1.80V)	1HR (220A, 1.75V)	
	400AH	300AH	220AH	
Dimensions	Length	Width	Height	Total Height
	166mm	184.5mm	360.5mm	370mm
Approx. Weight	23kg			
Internal Resistance	Approx 0.46mΩ			
Short Circuit Current	5089A			
Max Charge Current Allowed	100A			
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	242	151	111	74.4	50.4	43.2	36.7	22.7
1.70V	237	149	110	73.6	49.6	42.4	36.0	22.3
1.75V	228	146	109	72.8	48.8	41.6	35.4	21.3
1.80V	214	139	105	70.4	48.0	40.8	34.7	21.4

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

End Voltage	1h	2h	3h	5h	8h	10h	12h	20h
1.65V	420	277	207	143	99.2	83.2	71	43.7
1.70V	411	274	206	142	98.4	82.4	70	43.3
1.75V	395	268	204	141	97.6	81.6	69	42.8
1.80V	370	259	198	138	96.8	80.8	68	42.4