

Stored energy solutions for a demanding world

Narada

Model: **EOS-260**

Eos

The Eos range of VRLA batteries offers outstanding performance including a 15+ year design life and a cycle life in excess of 1200 cycles to 80% DOD. Built to the highest standards and compliant with the latest IEC60896-21/22 standard this range also offers 100% capacity out-of-the-box and is capable of handling deep discharges for complete peace of mind. The use of flexible connectors and the ability to be installed both horizontally and vertically allows for multiple installation possibilities. This robust design uses the latest AGM technology to create a range that is suitable for many applications including both fixed and mobile telecoms, UPS, utilities and solar.



Specifications

Battery Model	EOS-260			
Nominal Voltage	2V			
Capacity (25°C)	10HR (26A, 1. 80V)	3HR (65A, 1. 80V)		1HR (143A, 1. 75V)
	260AH	195AH		143AH
Dimensions	Length	Width	Height	Total Height
	109mm	184. 5mm	360. 5mm	372mm
Approx. Weight	17kg			
Internal Resistance	0. 57mΩ			
Max Charge Current Allowed	65A			
Charge Voltage (25°C)	Cycle use		Float use	
	2. 35V/°C		2. 25V/°C	
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	15 ± 1. 0Nm			
Container Material	ABS (V0 optional)			

Constant Current Discharge Characteristics Units: Amperes (25°C, 77°F)

F. V/Time	5MIN	15MIN	30MIN	1HR	2HR	3HR	5HR	8HR	10HR	24HR
1. 60V	433. 3	362. 9	268. 7	169. 9	100. 1	73. 5	49. 8	34. 3	28. 5	12. 8
1. 70V	374. 2	317. 2	236. 8	153. 9	94. 2	69. 6	48. 2	33. 2	27. 7	12. 7
1. 75V	356. 6	300. 3	220. 1	146. 7	90. 9	67. 4	46. 8	32. 8	27. 3	12. 6
1. 80V	343. 0	283. 1	205. 9	137. 5	87. 0	65. 4	45. 8	32. 2	26. 7	12. 4
1. 85V	303. 7	251. 1	183. 6	124. 1	78. 5	62. 0	44. 2	31. 2	26. 0	11. 9
1. 90V	261. 1	212. 3	157. 5	110. 2	73. 6	58. 2	42. 6	30. 1	25. 1	11. 7

Discharge Data with Constant Power Units: Watts per cell (25°C, 77°F)

F. V/Time	5MIN	15MIN	30MIN	1HR	2HR	3HR	5HR	8HR	10HR	24HR
1. 60V	736. 6	616. 9	491. 2	350. 1	225. 9	167. 3	110. 5	73. 8	60. 2	27. 2
1. 70V	673. 5	571. 0	453. 0	308. 0	201. 2	151. 4	104. 2	69. 5	57. 1	26. 1
1. 75V	652. 5	549. 5	437. 6	296. 0	194. 1	145. 9	101. 7	66. 9	56. 2	25. 9
1. 80V	634. 5	523. 8	422. 1	289. 1	190. 5	140. 7	98. 8	65. 2	55. 3	25. 5
1. 85V	577. 0	477. 0	375. 4	263. 0	175. 0	133. 2	94. 2	63. 1	53. 2	24. 5
1. 90V	509. 2	414. 0	316. 6	226. 5	151. 9	123. 6	88. 0	59. 0	49. 3	22. 9

