

stored energy solutions for a demanding world

Narada

Model: **EosG260**

EosG Series

The EosG range of gel technology batteries offers outstanding performance including a 15+ years design life. The EosG series batteries is designed based on the Eos series, using the polymer gel electrolyte. 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.



Specifications

Battery Model	EosG260			
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	17.4kg			
Internal Resistance	0. 53mΩ			
Max Charge Current Allowed	65A			
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	15 ± 1. 0Nm			
Container Material	ABS (V0 optional)			

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

End voltage per cell	5min	15min	30min	1h	2h	3h	5h	6h	8h	10h	24h	48h	100h
1.60V	455	381	282	173	102.1	75	50.2	43.2	34.6	28.7	12.9	6.5	3.4
1.65V	420	355	270	164	99.8	73.1	49	42.8	34.1	28.4	12.9	6.5	3.4
1.70V	393	333	249	157	96.1	71	48.6	42	33.5	27.9	12.8	6.4	3.3
1.75V	374	315	231	150	92.7	68.7	47.2	41.4	33.1	27.5	12.7	6.3	3.3
1.80V	360	297	216	140	88.7	66.7	46.2	40.5	32.5	26.9	12.5	6.1	3.2
1.85V	319	264	193	127	80.1	63.2	44.6	39.4	31.4	26.2	12	6	3.1
1.90V	274	223	165	112	75.1	59.4	42.9	38.1	30.3	25.3	11.8	5.8	3

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

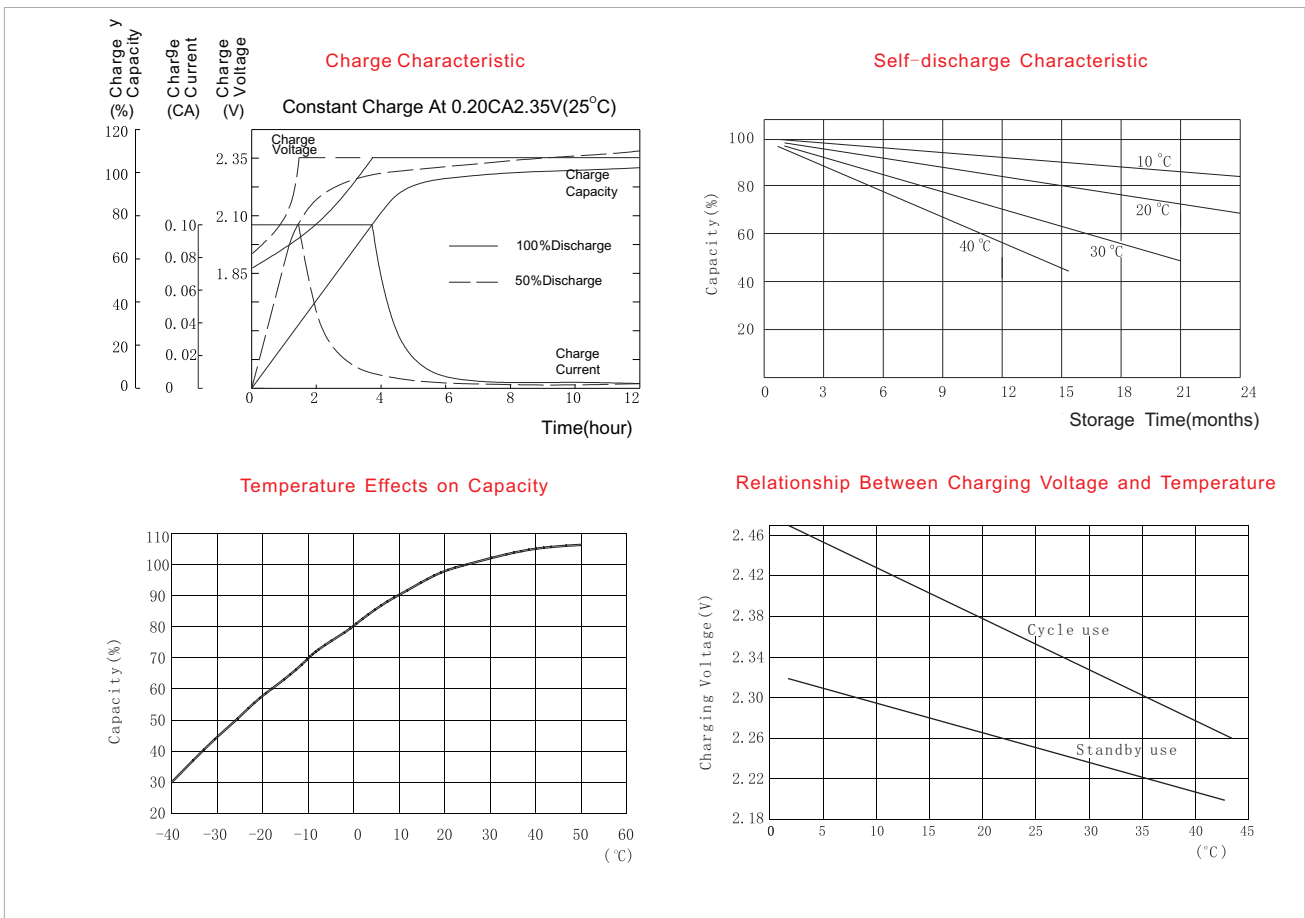
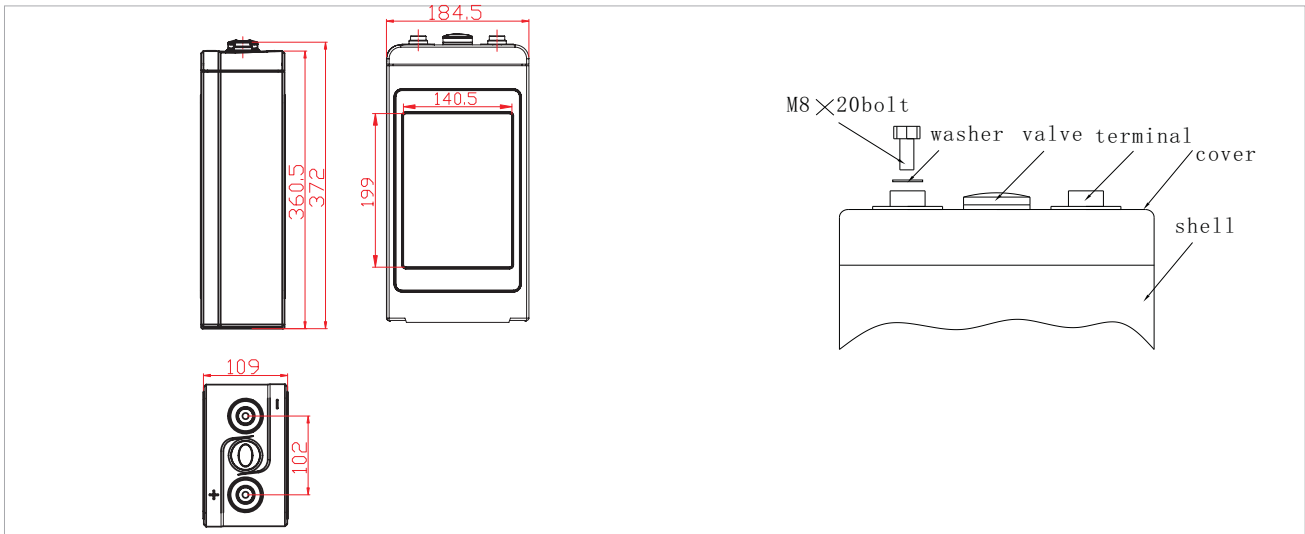
End voltage per cell	5min	15min	30min	1h	2h	3h	4h	5h	6h	8h	10h	24h
1.60V	828	697.3	533.2	332.7	200.1	146.9	114.5	99.9	86	68.8	58	26.1
1.65V	765	650	510.8	315.5	195.5	143.3	113.3	97.5	85.1	67.8	57.4	26.1
1.70V	715.1	609.5	469.9	301.4	188.3	139.1	111.3	96.7	83.6	66.6	56.4	25.9
1.75V	681.5	577	436.8	287.3	181.7	134.7	109.7	93.9	82.4	65.8	55.6	25.7
1.80V	655.5	544	408.6	269.3	173.9	130.7	107.3	91.9	80.6	64.6	54.4	25.2
1.85V	580.4	482.5	364.4	243	156.9	124	104.5	88.7	78.5	62.6	52.9	24.2
1.90V	499	407.9	312.6	215.8	147.1	116.4	100.9	85.5	75.8	60.4	51.1	23.8

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