

Model: EosG1200

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

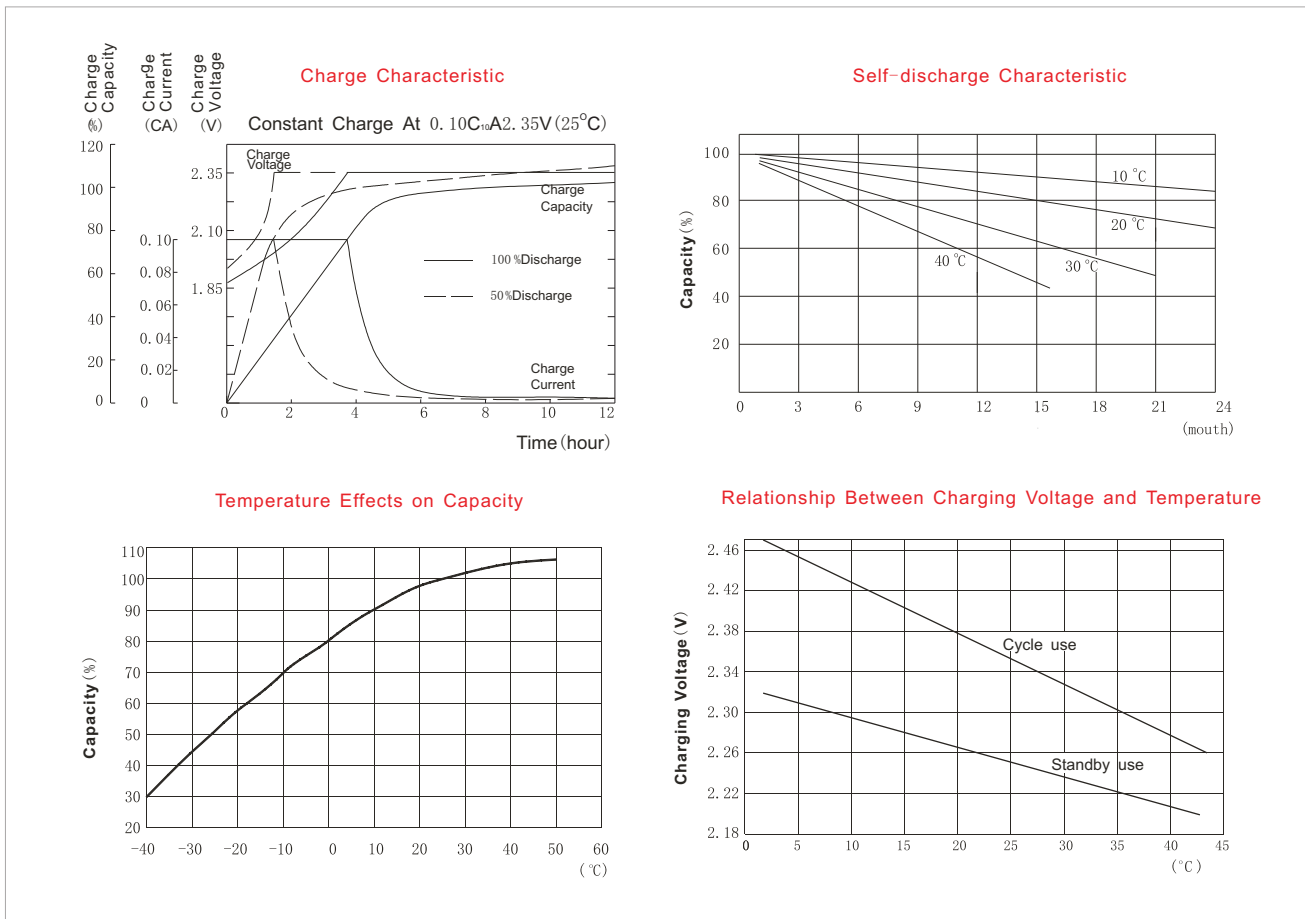
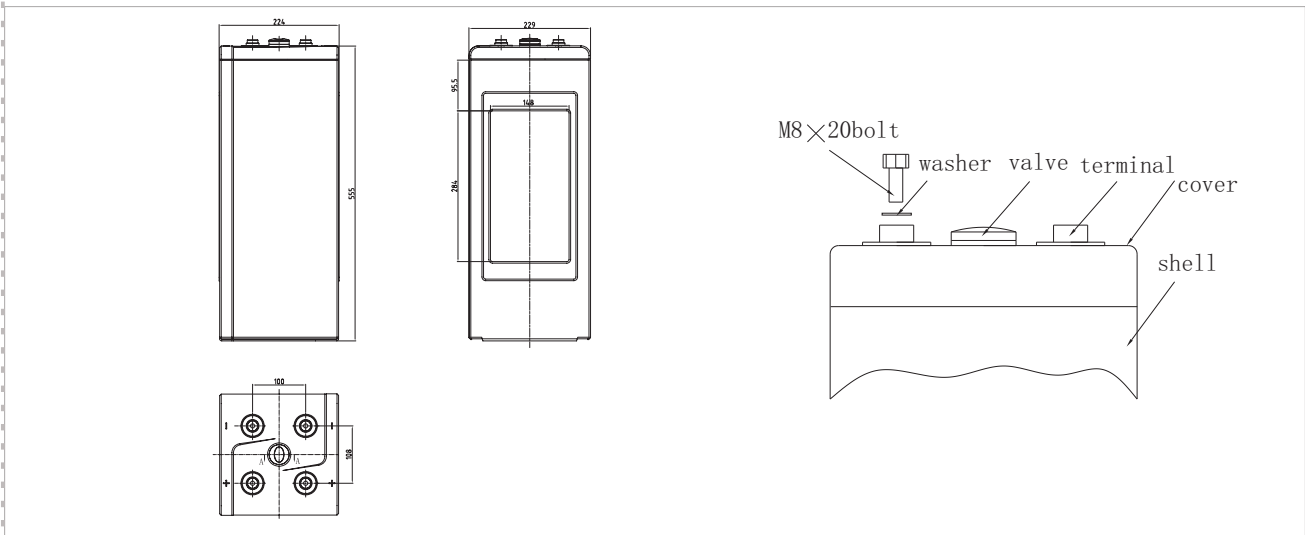
Battery Model	EosG1200			
Nominal Voltage	2V			
Capacity (25°C)	10HR (120A, 1. 80V)	3HR (300A, 1. 80V)		1HR (660A, 1. 75V)
	1200AH	900AH		660AH
Dimensions	Length	Width	Height	Total Height
	225mm	229mm	555mm	566mm
Approx. Weight	75. 5kg			
Internal Resistance	0. 17mΩ			
Max Charge Current Allowed	300A			
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	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	1hr	2hr	3hr	5hr	6hr	8hr	10r	24hr	48hr	100hr
1. 60V	1744.3	1467.7	1192.7	786	484.5	355.7	232.5	200.8	157.2	128.9	59.7	31.9	17.9
1. 65V	1635.7	1381.5	1087.7	741.8	470.7	346.1	229.7	198.4	155.8	128.2	58.9	31.6	17.6
1. 70V	1537.2	1307.3	994.7	704.9	454.6	330.6	223.9	193.6	153.6	126.1	58.6	31.4	17.3
1. 75V	1450.1	1230.5	917.2	660.8	437.8	323	220.1	190.7	151.5	125.1	58.1	31	16.9
1. 80V	1370	1147.6	858.7	626.9	424.7	312.9	213.6	185.7	147.4	123.4	56.9	30.5	16.3
1. 85V	1176.2	976.1	755	558.2	382.8	289.7	201.6	176.8	142.6	118.4	55.2	29	15.8
1. 90V	963.3	770.7	627.4	458.8	320	257.5	182.5	159.5	128.6	107.9	51.6	27.1	14.6

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

End voltage per cell	5min	15min	30min	1hr	2hr	3hr	4hr	5hr	6hr	8hr	10hr	24hr
1. 60V	3401.8	2849.1	2268.5	1615.4	1042.3	772.1	615.7	510	435.5	340.4	277.9	125.3
1. 65V	3235.4	2734.1	2145.7	1492.7	956.2	724.6	584	492.1	421.7	327.8	271.3	122.9
1. 70V	3110.6	2637.1	2092.2	1421.4	928.5	698.8	564.2	481.1	413.4	320.7	263.3	120.6
1. 75V	3013.5	2538	2020.9	1366	895.6	673.1	552.3	469.2	403.9	308.8	259.3	119.4
1. 80V	2930.3	2419.1	1949.6	1334.3	879	649.3	534.5	456.1	392	300.9	255.4	117.6
1. 85V	2664.8	2203.2	1733.6	1213.5	807.7	614.9	513.9	434.7	371.2	291	245.5	112.8
1. 90V	2351.8	1911.9	1462.2	1045.3	700.8	570.1	478.5	406.2	346.8	272.2	227.7	105.7



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