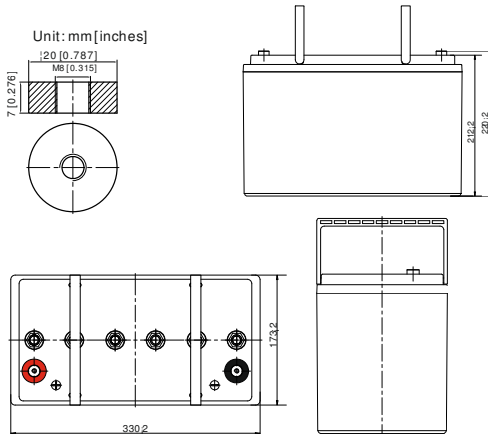


GELOGiV121000L (12V 96Ah GEL Battery)

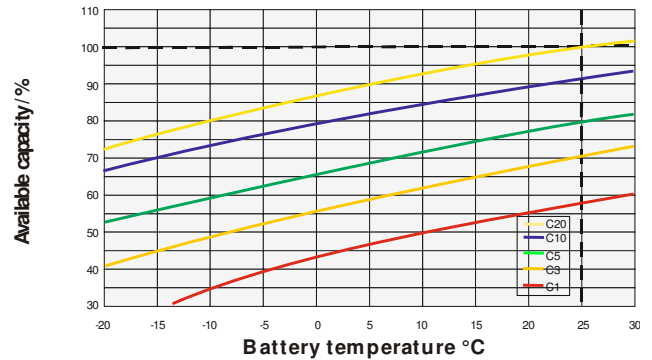
Floating Life at 20°C designed for 12+ years

EAN: 4260123683375

Dimensions



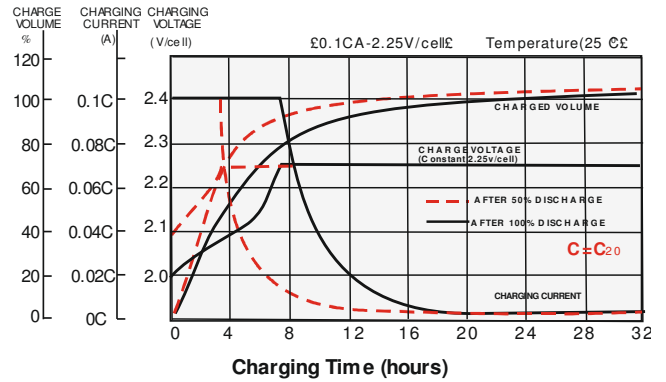
Temperature Effects in Relation to Battery Capacity



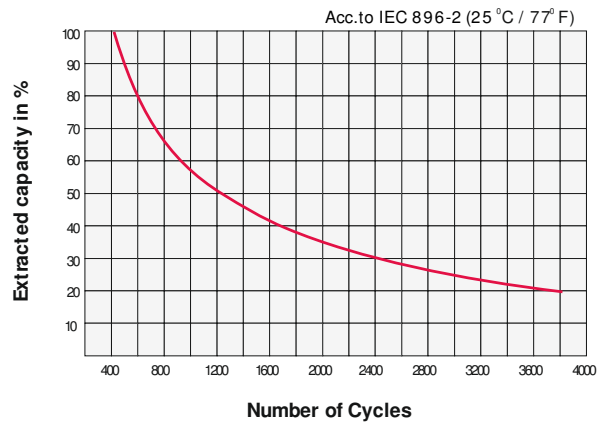
Specifications

Nominal Voltage		12V
Capacity (25°C@1.8V/C)		C20: 96Ah C5: 77Ah
Dimensions	Length	330mm (12.99inch)
	Width	173mm (6.81inch)
	Height	212mm (8.35inch)
	Total Height	220mm (8.66inch)
Approx. Weight		31.0kg (68.4lbs)
Maximum charging current		28.8A
Maximum discharge current		1000A (5sec.)
Internal resistance		Approx. 5.5mΩ
Capacity affected by temperature (20hr)	40°C	103%
	25°C	100%
	0°C	86%
	-15°C	65%
Self-discharge (25°C)	3 month	Remaining Capacity: 91%
	6 month	Remaining Capacity: 82%
	12 month	Remaining Capacity: 65%
Nominal operating temperature		25°C ±3°C (77°F±5°F)
Operating temperature range		-20°C ~ 55°C (-4°F ~ 131°F)
Float charging voltage (25°C)		13.65 to 13.80V
Cyclic charging voltage (25°C)		14.40 to 15.00V
Terminal material		Copper

Float Charging Characteristics



Cycle Life in Relation to Depth of Discharge



Constant Current Discharge Characteristics (Ampere / Cell, 25°C)

F.V/TIME	20min	30min	45min	1h	3h	5h	8h	10h	20h
1.60V/cell	132,3	97,2	71,3	58,4	25,9	17,4	11,3	9,53	5,08
1.70V/cell	117,3	87,4	64,1	53,0	24,2	16,5	10,9	9,23	4,96
1.80V/cell	96,9	74,2	55,9	46,8	22,0	15,4	10,3	8,85	4,80

Constant Power Discharge Characteristics (Watt / Cell, 25°C)

F.V/TIME	20min	30min	45min	1h	3h	5h	8h	10h	20h
1.60V/cell	239,1	178,7	133,4	110,7	49,9	33,8	22,2	18,9	10,1
1.70V/cell	216,8	163,9	121,7	101,6	46,9	32,3	21,6	18,3	9,86
1.80V/cell	183,0	141,6	107,5	90,7	42,9	30,3	20,4	17,6	9,57