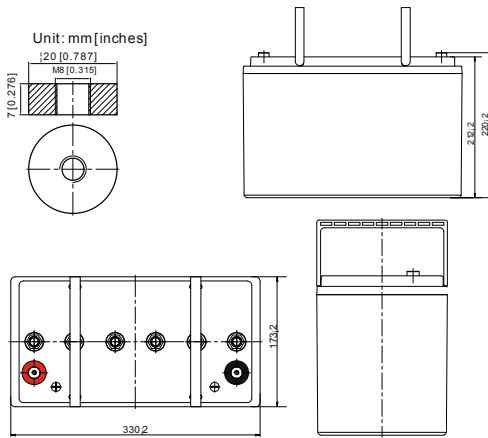


# GEL OGiV 121000 L (12V 96Ah GEL Battery)

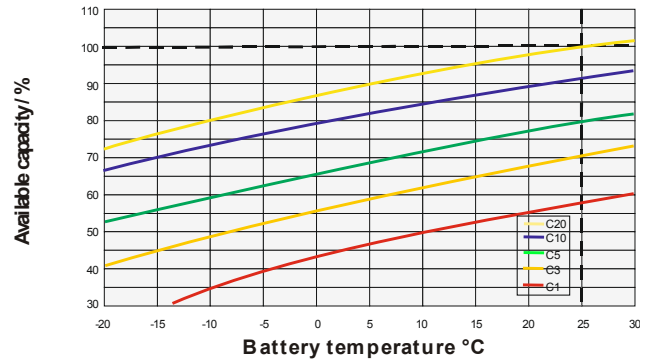
Floating Life at 20°C designed for 12 years

EAN: 4260123683375

## Dimensions



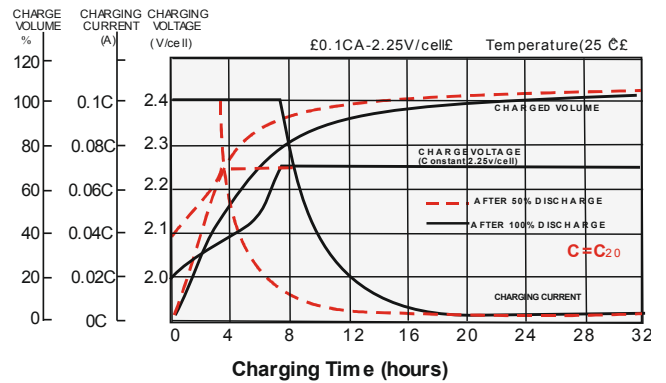
## Temperature Effects in Relation to Battery Capacity



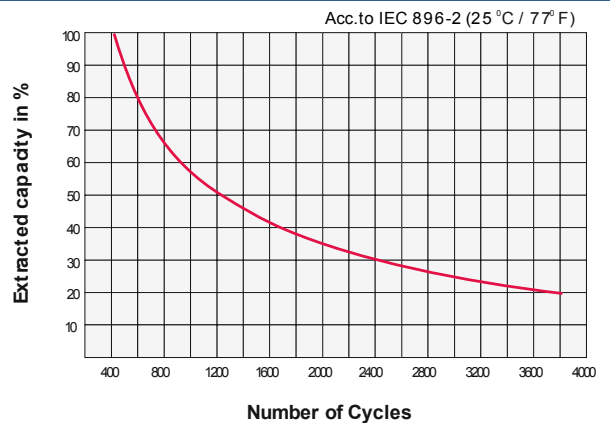
## Specifications

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