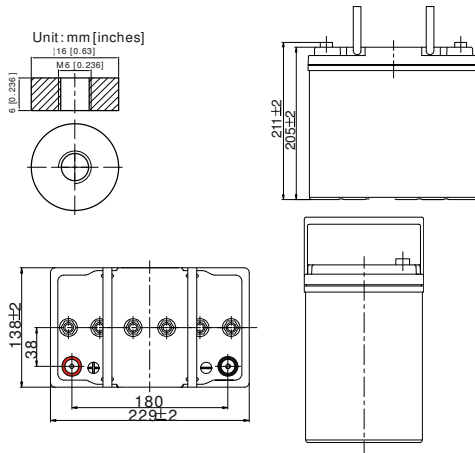


# GELOGiV12500L (12V 50Ah GEL Battery)

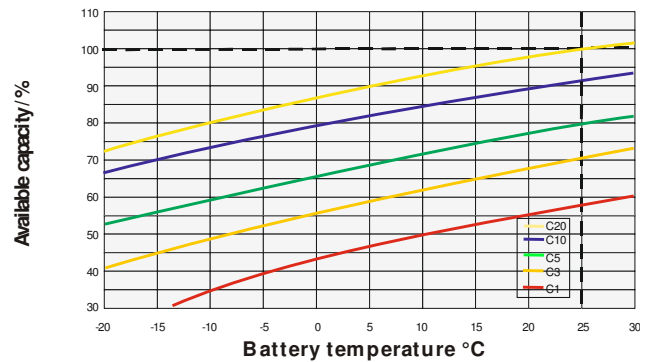
Floating Life at 20°C designed for 12+ years

EAN: 4260123683320

## Dimensions



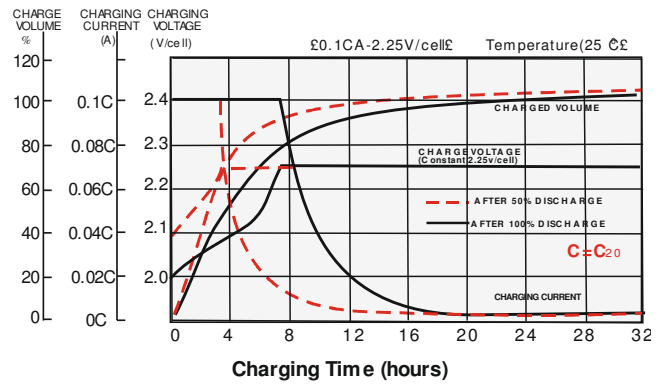
## Temperature Effects in Relation to Battery Capacity



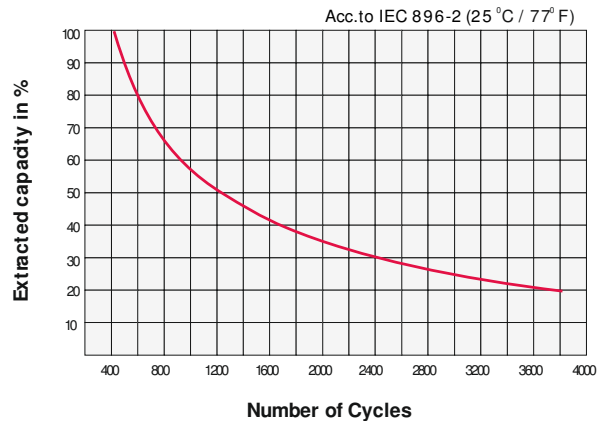
## Specifications

Nominal Voltage	12V	
Capacity (25°C@1.8V/C)	C20: 50Ah	
	C5: 38.5Ah	
Dimensions	Length	229mm (9.02inch)
	Width	138mm (5.43inch)
	Height	205mm (8.07inch)
	Total Height	211mm (8.31inch)
Approx. Weight	16.7kg (36.82lbs)	
Maximum charging current	15.0A	
Maximum discharge current	500A (5sec.)	
Internal resistance	Approx. 9.0mΩ	
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	66,2	48,6	35,7	29,2	13,0	8,68	5,81	4,91	2,65
1.70V/cell	58,7	43,7	32,1	26,5	12,1	8,25	5,63	4,76	2,58
1.80V/cell	48,5	37,1	27,9	23,4	11,0	7,70	5,29	4,56	2,50

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

F.V/TIME	20min	30min	45min	1h	3h	5h	8h	10h	20h
1.60V/cell	119,5	89,3	66,7	55,3	25,0	16,9	11,4	9,72	5,25
1.70V/cell	108,4	81,9	60,8	50,8	23,5	16,1	11,1	9,45	5,14
1.80V/cell	91,5	70,8	53,8	45,3	21,4	15,1	10,5	9,07	4,98