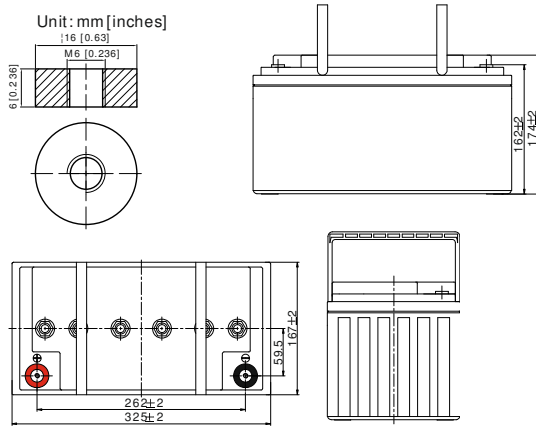


GELOGiV12650L (12V 65Ah GEL Battery)

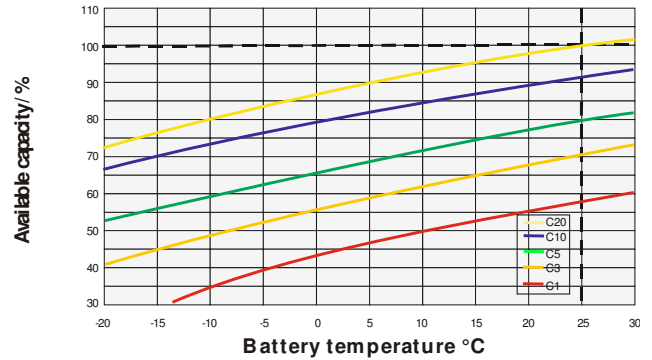
Floating Life at 20°C designed for 12+ years

EAN: 4260123683344

Dimensions



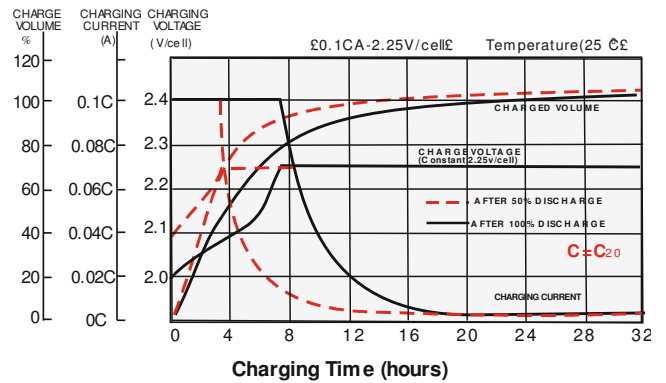
Temperature Effects in Relation to Battery Capacity



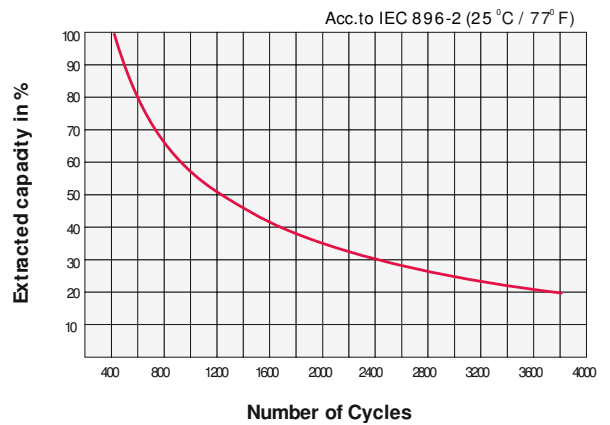
Specifications

Nominal Voltage	12V	
Capacity (25°C@1.8V/C)	C20: 65Ah	
	C5: 50Ah	
Dimensions	Length	325mm (12.8inch)
	Width	167mm (6.57inch)
	Height	178mm (7.01inch)
	Total Height	178mm (7.01inch)
Approx. Weight	24.0kg (52.9lbs)	
Maximum charging current	19.5A	
Maximum discharge current	650A (5sec.)	
Internal resistance	Approx. 8.2mΩ	
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	86,0	63,2	46,4	38,0	16,9	11,3	7,56	6,38	3,44
1.70V/cell	76,2	56,8	41,7	34,5	15,7	10,7	7,31	6,19	3,36
1.80V/cell	63,0	48,2	36,3	30,4	14,3	10,0	6,88	5,93	3,25

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

F.V/TIME	20min	30min	45min	1h	3h	5h	8h	10h	20h
1.60V/cell	155,4	116,1	86,7	71,9	32,4	21,9	14,9	12,6	6,82
1.70V/cell	140,9	106,5	79,1	66,0	30,5	21,0	14,5	12,3	6,68
1.80V/cell	119,0	92,1	69,9	58,9	27,9	19,7	13,7	11,8	6,48

Valid from 12-2014