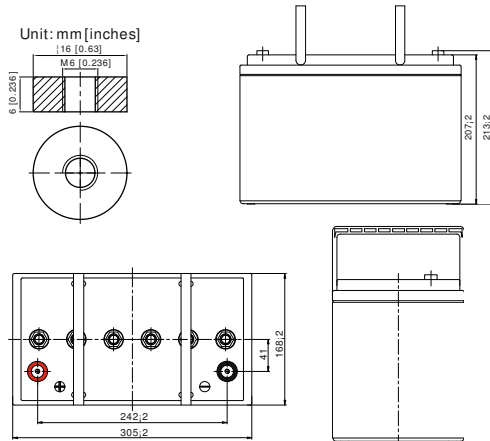


GELOGiV12850L (12V 85Ah GEL Battery)

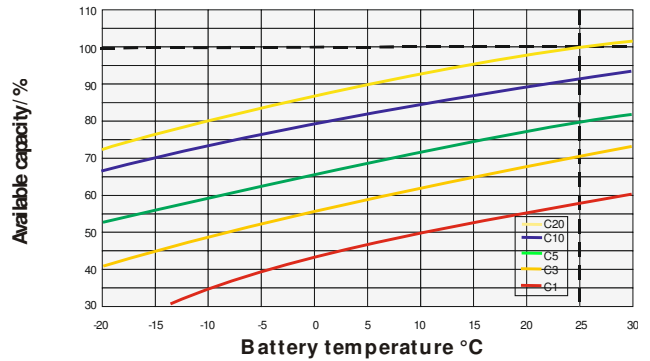
Floating Life at 20°C designed for 12+ years

EAN: 4260123683368

Dimensions



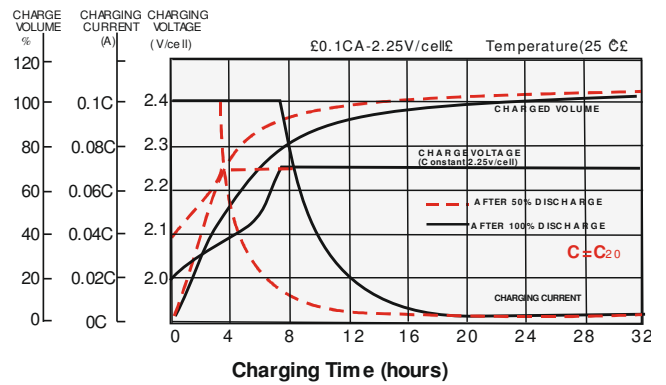
Temperature Effects in Relation to Battery Capacity



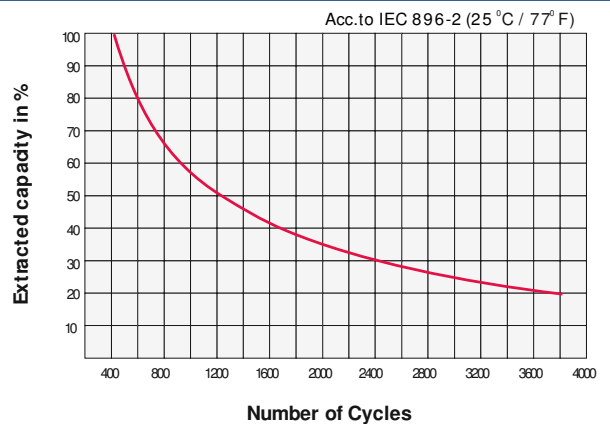
Specifications

Nominal Voltage	12V	
Capacity (25°C@1.8V/C)	C20: 85Ah	
	C5: 65.5Ah	
Dimensions	Length	305mm (12.0inch)
	Width	168mm (6.61inch)
	Height	207mm (8.15inch)
	Total Height	213mm (8.38inch)
Approx. Weight	27.1kg (59.8lbs)	
Maximum charging current	25.5A	
Maximum discharge current	850A (5sec.)	
Internal resistance	Approx. 6.8mΩ	
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	112,5	82,6	60,6	49,6	22,0	14,8	9,88	8,23	4,50
1.70V/cell	99,7	74,3	54,5	45,1	20,5	14,0	9,56	7,98	4,39
1.80V/cell	82,4	63,1	47,5	39,8	18,7	13,1	9,00	7,64	4,25

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

F.V./TIME	20min	30min	45min	1h	3h	5h	8h	10h	20h
1.60V/cell	203,2	151,9	113,4	94,1	42,4	28,7	19,4	16,3	8,92
1.70V/cell	184,3	139,3	103,4	86,3	39,9	27,4	18,9	15,8	8,73
1.80V/cell	155,6	120,4	91,4	77,1	36,4	25,7	17,9	15,2	8,47