

GELOGiV121200L

(12V 120Ah GEL Battery)

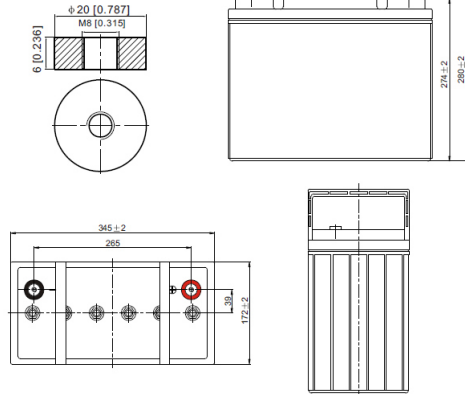
Floating Life at 20°C designed for 12+ years

EAN: 4260349822237

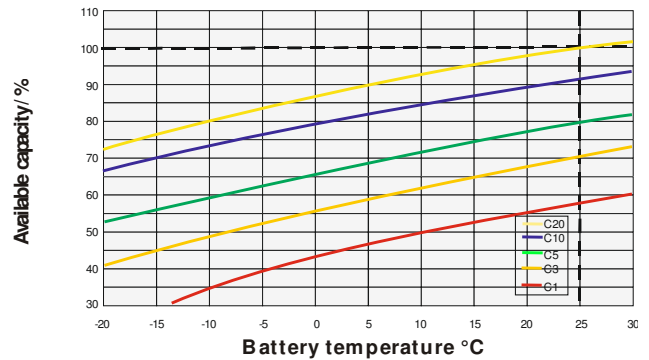
Dimensions

T11 Terminal

Unit: mm [inches]



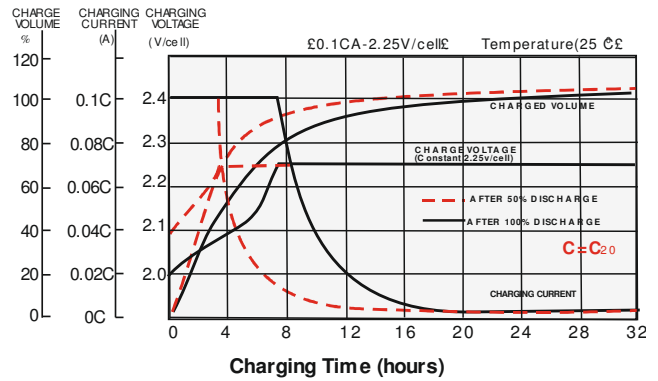
Temperature Effects in Relation to Battery Capacity



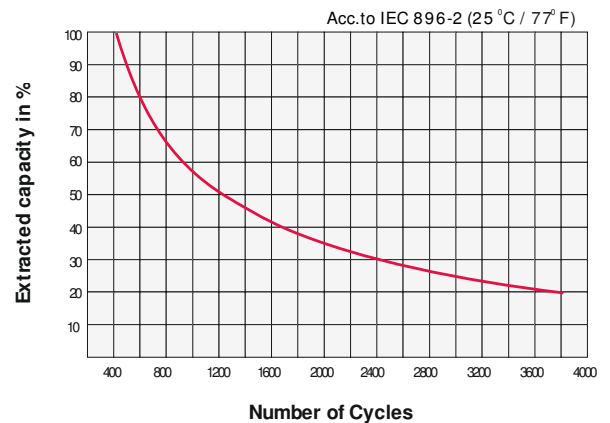
Specifications

Nominal Voltage	12V	
Capacity (25°C@1.8V/C)	C20:	120Ah
	C5:	93Ah
Dimensions	Length	345mm (13.58inch)
	Width	172mm (6.77inch)
	Height	274mm (10.79inch)
	Total Height	280mm (11.02inch)
Approx. Weight	40.2kg (88.66lbs)	
Maximum charging current	30A	
Maximum discharge current	1080 (5sec.)	
Internal resistance	Approx. 4.9mΩ	
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	158,8	116,7	85,6	70,1	31,1	20,9	13,9	11,8	6,35
1.70V/cell	140,8	104,9	77,0	63,6	29,0	19,8	13,5	11,4	6,19
1.80V/cell	116,3	89,1	67,0	56,1	26,4	18,5	12,7	11,0	6,00

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

F.V/TIME	20min	30min	45min	1h	3h	5h	8h	10h	20h
1.60V/cell	286,90	214,30	160,10	132,80	59,90	40,50	27,40	23,40	12,60
1.70V/cell	260,10	196,60	146,00	121,80	56,30	38,70	26,70	22,70	12,40
1.80V/cell	219,70	169,90	129,00	108,70	51,40	36,40	25,20	21,80	12,00