

GELOGiV121300L

(12V 130Ah GEL Battery)

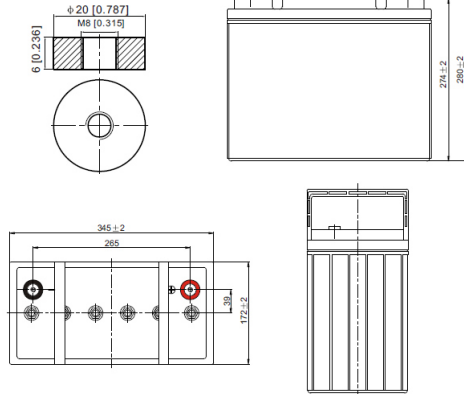
Floating Life at 20°C designed for 12+ years

EAN: 4260349822244

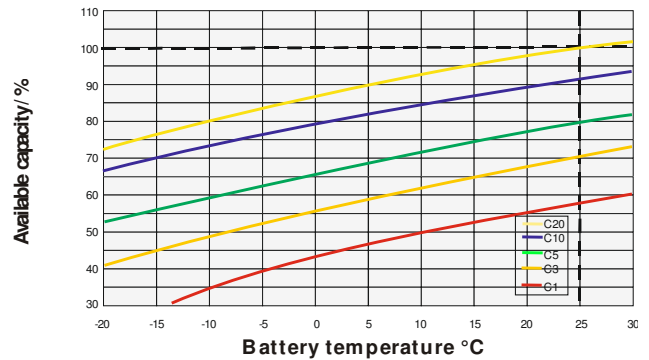
Dimensions

T11 Terminal

Unit: mm [inches]



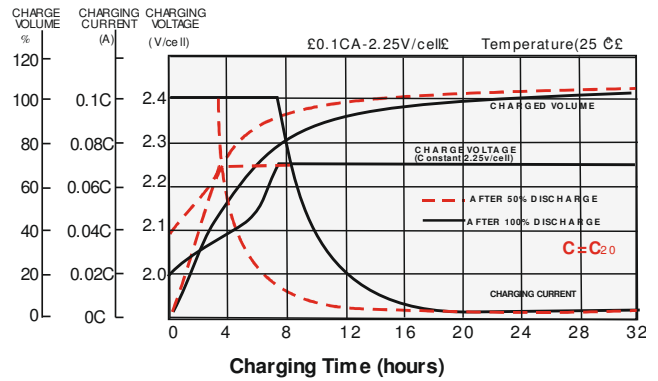
Temperature Effects in Relation to Battery Capacity



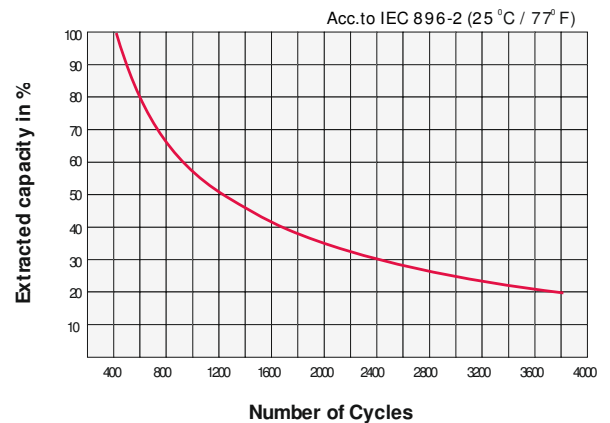
Specifications

Nominal Voltage	12V	
Capacity (25°C@1.8V/C)	C20: 130Ah	C5: 100Ah
	Length	345mm (13.58inch)
Dimensions	Width	172mm (6.77inch)
	Height	274mm (10.79inch)
	Total Height	280mm (11.02inch)
Approx. Weight	47.3kg (104.3lbs)	
Maximum charging current	32.5A	
Maximum discharge current	1170 (5sec.)	
Internal resistance	Approx. 4.5mΩ	
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	172,0	126,4	92,7	75,9	33,7	22,6	15,1	12,8	6,88
1.70V/cell	152,5	113,6	83,4	68,9	31,4	21,5	14,6	12,4	6,71
1.80V/cell	126,0	96,5	72,6	60,8	28,6	20,0	13,8	11,9	6,50

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

F.V/TIME	20min	30min	45min	1h	3h	5h	8h	10h	20h
1.60V/cell	310,80	232,20	173,40	143,90	64,90	43,90	29,70	25,30	13,60
1.70V/cell	281,80	213,00	158,20	132,00	61,00	41,90	28,90	24,60	13,40
1.80V/cell	238,00	184,10	139,80	117,80	55,70	39,40	27,30	23,60	13,00