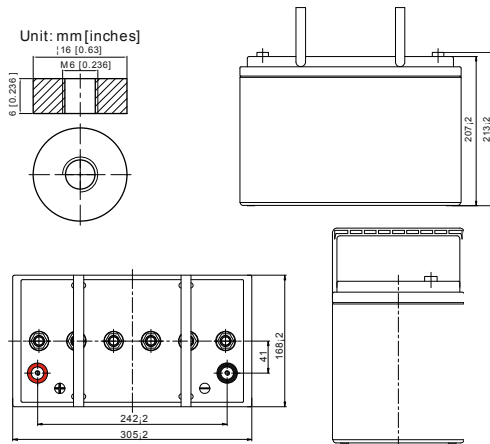


GEL OGiV 12850 L (12V 85Ah GEL Battery)

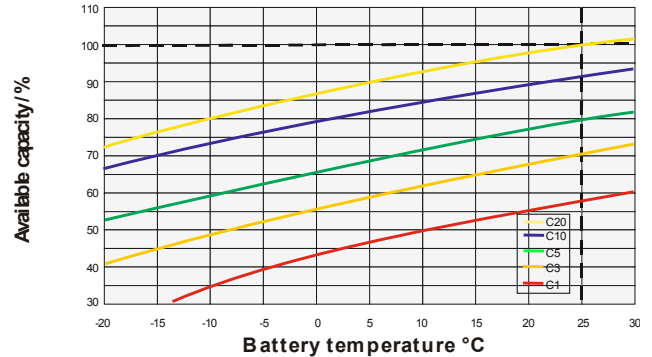
Floating Life at 20°C designed for 12 years

EAN: 4260123683368

Dimensions



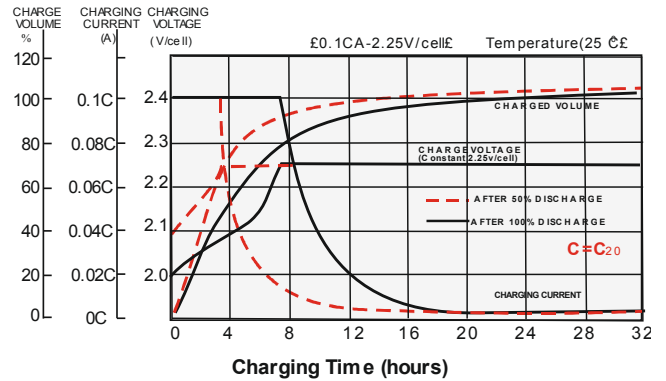
Temperature Effects in Relation to Battery Capacity



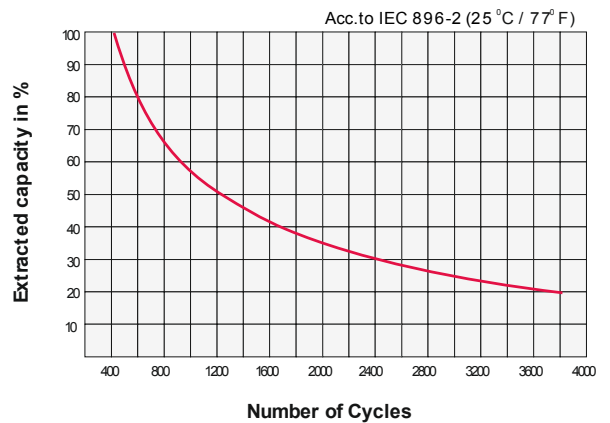
Specifications

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