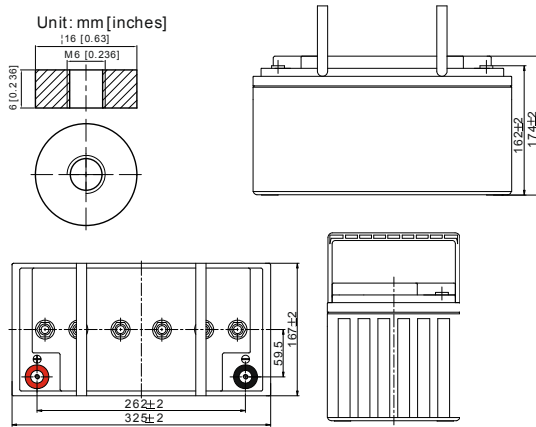


GEL OGiV 12650 L (12V 65Ah GEL Battery)

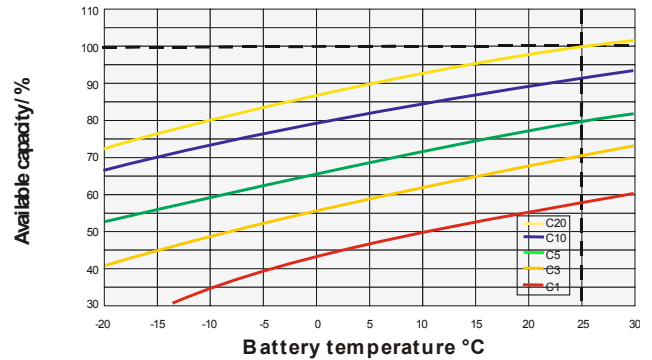
Floating Life at 20°C designed for 12 years

EAN: 4260123683344

Dimensions



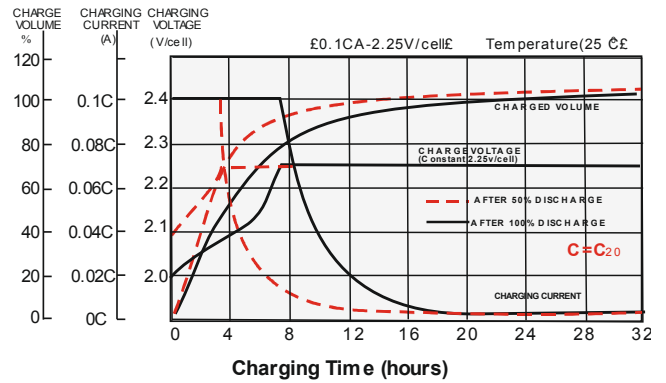
Temperature Effects in Relation to Battery Capacity



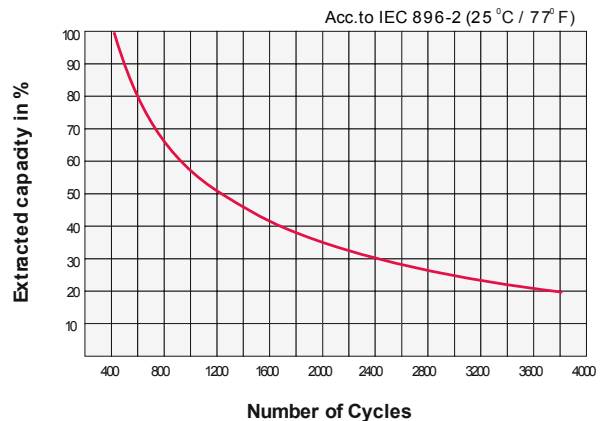
Specifications

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