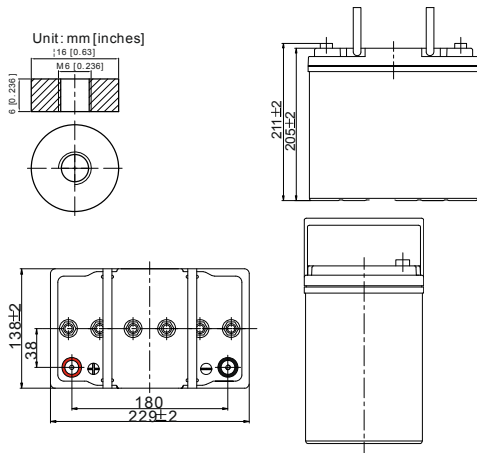


GEL OGiV 12500 L (12V 50Ah GEL Battery)

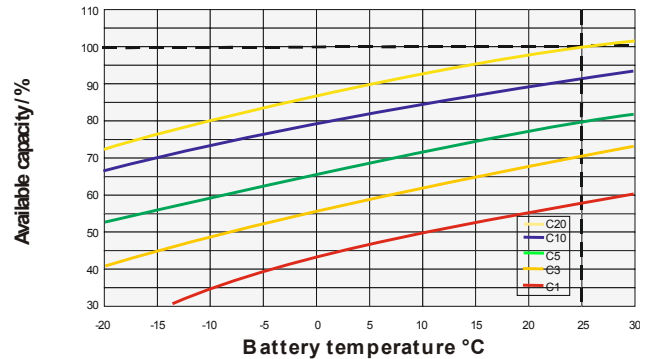
Floating Life at 20°C designed for 12 years

EAN: 4260123683320

Dimensions



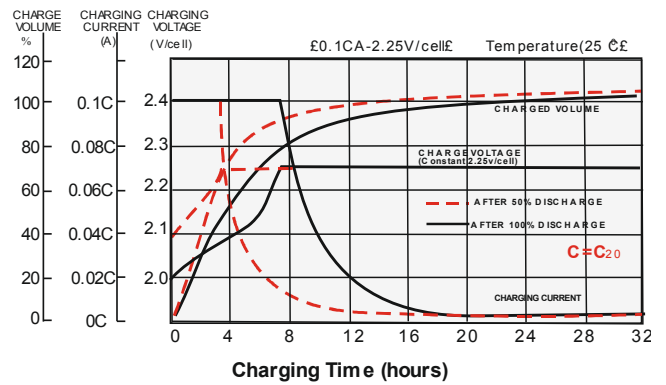
Temperature Effects in Relation to Battery Capacity



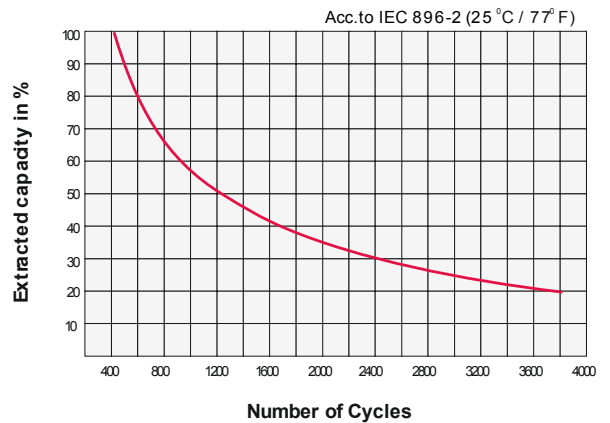
Specifications

Nominal Voltage		12V
Capacity (25°C@1.8V/C)		C20: 50Ah C5: 38.5Ah
Dimensions	Length	229mm (9.02inch)
	Width	138mm (5.43inch)
	Height	205mm (8.07inch)
	Total Height	211mm (8.31inch)
Approx. Weight		16.7kg (36.82lbs)
Maximum charging current		15.0A
Maximum discharge current		500A (5sec.)
Internal resistance		Approx. 9.0mΩ
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	66,2	48,6	35,7	29,2	13,0	8,68	5,81	4,91	2,65
1.70V/cell	58,7	43,7	32,1	26,5	12,1	8,25	5,63	4,76	2,58
1.80V/cell	48,5	37,1	27,9	23,4	11,0	7,70	5,29	4,56	2,50

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

F.V/TIME	20min	30min	45min	1h	3h	5h	8h	10h	20h
1.60V/cell	119,5	89,3	66,7	55,3	25,0	16,9	11,4	9,72	5,25
1.70V/cell	108,4	81,9	60,8	50,8	23,5	16,1	11,1	9,45	5,14
1.80V/cell	91,5	70,8	53,8	45,3	21,4	15,1	10,5	9,07	4,98