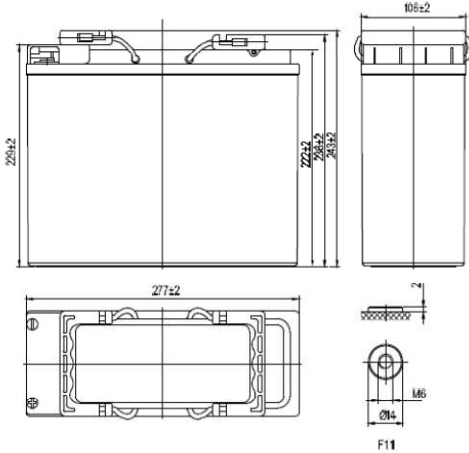


OGiV 12500 FT (12V 50Ah Front Terminal)

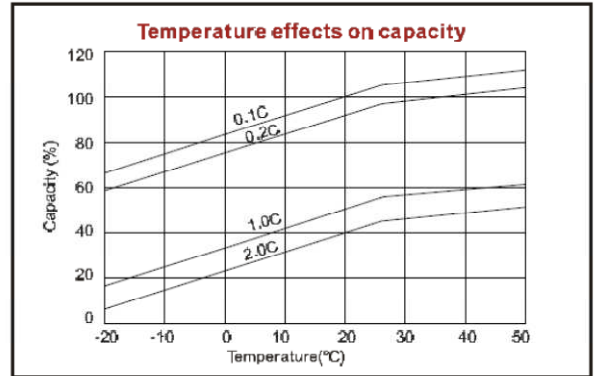
Floating Life at 20°C designed for 10 years

EAN: 4260123689513

Dimensions



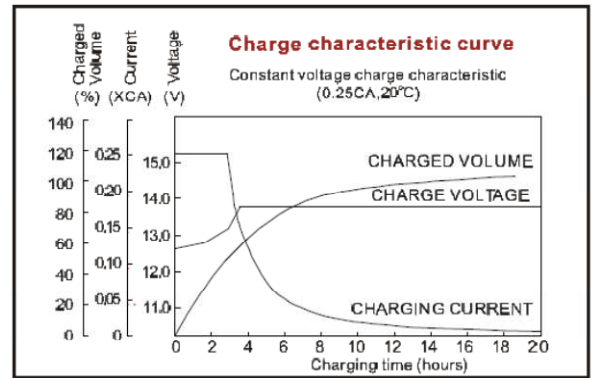
Temperature Effects in Relation to Battery Capacity



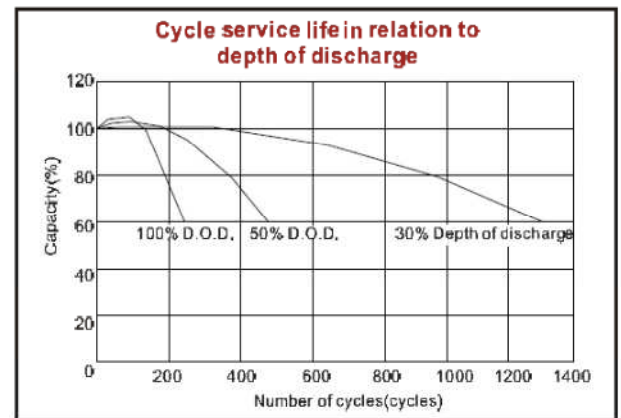
Specifications

Nominal Voltage	12V	
Capacity (10hr@25°C@1.8V/C)	50Ah	
Dimensions	Length	277mm (10.9inch)
	Width	106mm (4.17inch)
	Height	222mm (8.74inch)
	Total Height	229mm (9.02inch)
Approx. Weight	17.3kg (38.1lbs)	
Maximum charging current	15A	
Maximum discharge current	500A (5sec.)	
Internal resistance	Approx. 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	10min	15min	30min	45min	1h	3h	5h	10h
1.60V/cell	109	88,2	57,6	44,0	35,2	14,5	9,26	5,04
1.70V/cell	93	77,1	53,3	41,4	33,8	14,1	9,13	5,02
1.80V/cell	77	66	49	38,8	32,4	13,6	9,00	5,00

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

F.V/TIME	10min	15min	30min	45min	1h	3h	5h	10h
1.60V/cell	190	159	111	85,6	69,0	38,9	28,5	18,5
1.70V/cell	168	143	102	79,8	65,3	37,9	27,9	18,2
1.80V/cell	147	127	93,4	74,1	61,7	37,0	27,0	17,9