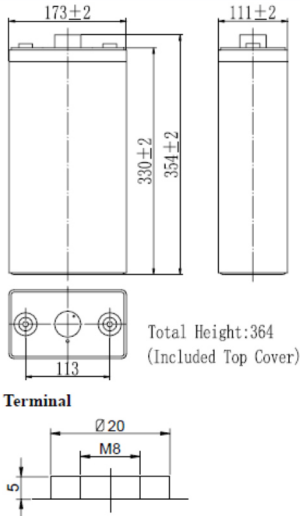


RPower OGiV22000L (2V 200Ah Battery)

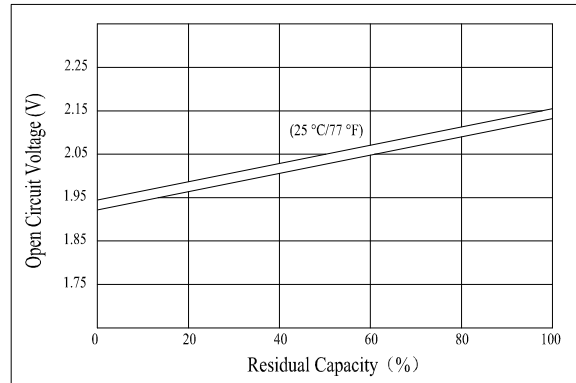
Floating Life at 20°C designed for 12+ years

EAN: 4260123689629

Dimensions



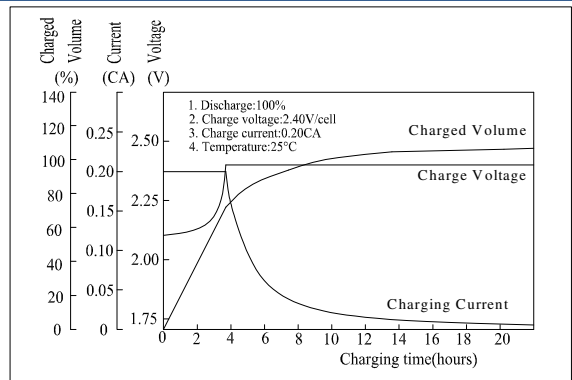
Relationship for Open Circuit Voltage/Residual Capacity



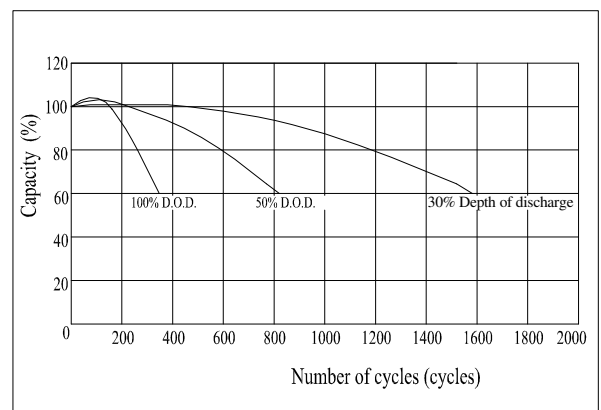
Specifications

Nominal Voltage	2V	
Capacity (10hr@25°C@1.8V/C)	200Ah	
Dimensions	Length	173mm (6.81inch)
	Width	111mm (4.37inch)
	Height	330mm (12.99inch)
	Total Height	364mm (14.33inch)
Approx. Weight	13kg (28.7lbs)	
Maximum charging current	40A	
Maximum discharge current	1500A (5sec.)	
Internal resistance	Approx. 0.9mΩ	
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)	2.28 to 2.30V	
Cyclic charging voltage (25°C)	2.40 to 2.50V	
Terminal material	Copper	

Charging Characteristics



Cycle Life in Relation to Depth of Discharge



Constant Current Discharge Characteristics (Ampere / Cell, 25°C)

F.V/TIME	30min	1h	2h	3h	4h	5h	6h	8h	10h	20h	24h
1.60V/cell	180	120	73,1	52,0	41,8	36,3	31,2	24,5	20,4	10,7	9,26
1.70V/cell	171	115	72,0	51,4	41,3	35,8	30,8	24,2	20,3	10,6	9,22
1.80V/cell	161	109	69,1	49,5	39,8	34,5	29,7	23,3	20,0	10,5	9,10

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

F.V/TIME	30min	1h	2h	3h	4h	5h	6h	8h	10h	20h	24h
1.60V/cell	337	228	141	102	82,0	71,5	61,5	48,7	40,5	21,4	18,6
1.70V/cell	320	219	139	101	80,9	70,6	60,7	48,1	40,3	21,3	18,5
1.80V/cell	301	208	133	97,0	77,9	68,0	58,5	46,3	39,8	21,0	18,3

Valid from 12-2014