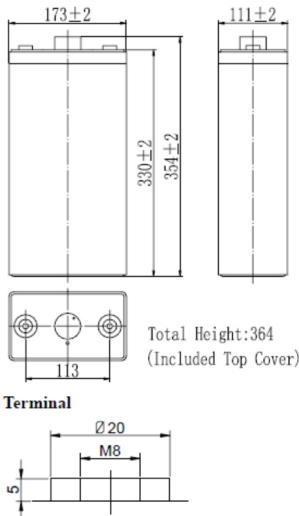


# RPower OGiV22500L (2V 250Ah Battery)

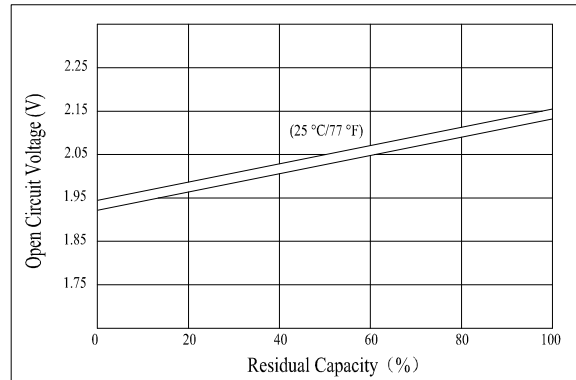
Floating Life at 20°C designed for 12+ years

EAN: 4260123689636

## Dimensions



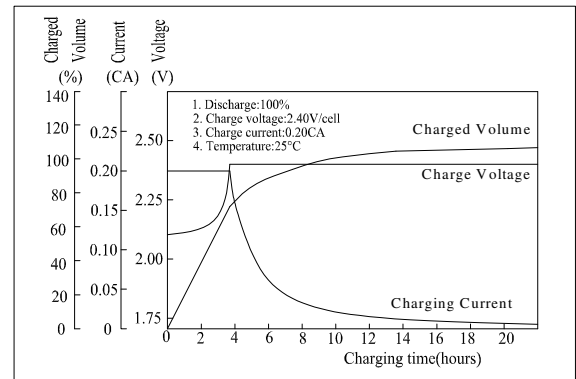
## Relationship for Open Circuit Voltage/Residual Capacity



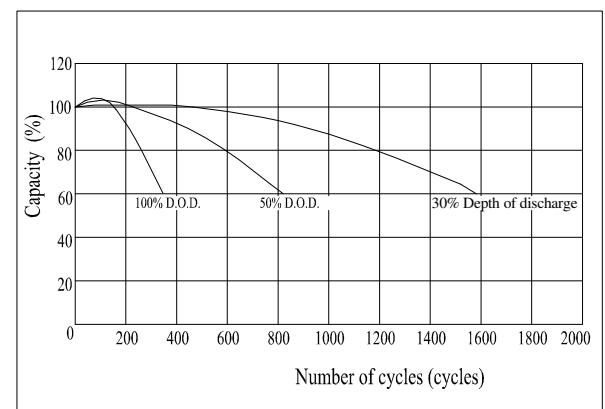
## Specifications

Nominal Voltage	2V	
Capacity (10hr@25°C@1.8V/C)	250Ah	
Dimensions	Length	173mm (6.81inch)
	Width	111mm (4.37inch)
	Height	330mm (12.99inch)
	Total Height	364mm (14.33inch)
Approx. Weight	15kg (33.1lbs)	
Maximum charging current	50A	
Maximum discharge current	1700A (5sec.)	
Internal resistance	Approx. 0.75mΩ	
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	225	150	91,4	65,0	52,3	45,4	39,0	30,6	25,5	13,4	11,58
1.70V/cell	214	144	90,0	64,2	51,6	44,8	38,5	30,2	25,3	13,3	11,52
1.80V/cell	201	137	86,4	61,8	49,7	43,2	37,1	29,1	25,0	13,1	11,38

## 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	421	285	176	127	102	89,4	76,9	60,9	50,6	26,7	23,3
1.70V/cell	400	274	174	126	101	88,3	75,9	60,1	50,4	26,6	23,2
1.80V/cell	376	260	167	121	97,4	85,0	73,1	57,9	49,8	26,3	22,9