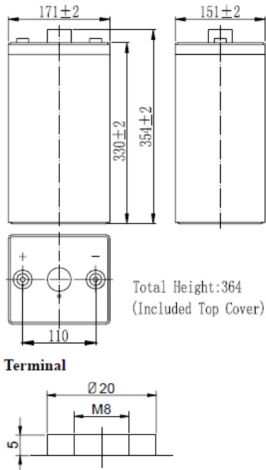


# RPower OGiV23500L (2V 350Ah Battery)

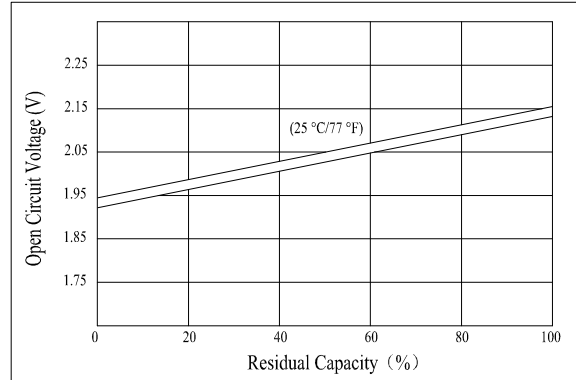
Floating Life at 20°C designed for 12+ years

EAN: 4260123689650

## Dimensions



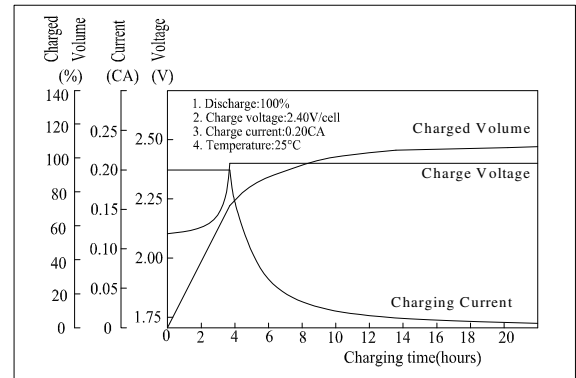
## Relationship for Open Circuit Voltage/Residual Capacity



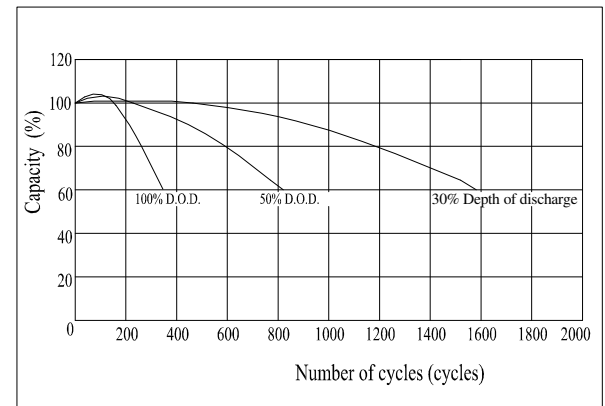
## Specifications

Nominal Voltage	2V	
Capacity (10hr@25°C@1.8V/C)	350Ah	
Dimensions	Length	171mm (6.73inch)
	Width	151mm (5.94inch)
	Height	330mm (12.99inch)
	Total Height	364mm (14.33inch)
Approx. Weight	20.5kg (45.2lbs)	
Maximum charging current	70A	
Maximum discharge current	2200A (5sec.)	
Internal resistance	Approx. 0.65mΩ	
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	315	210	128	91,0	73,2	63,5	54,6	42,8	35,6	18,7	16,2
1.70V/cell	299	202	126	89,9	72,3	62,7	53,9	42,3	35,5	18,6	16,1
1.80V/cell	281	192	121	86,6	69,6	60,4	51,9	40,7	35,0	18,4	15,9

## 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	589	399	247	178	143	125	108	85,3	70,9	37,4	32,6
1.70V/cell	560	383	243	176	142	124	106	84,2	70,6	37,2	32,4
1.80V/cell	526	364	233	170	136	119	102	81,1	69,7	36,8	32,0

Valid from 12-2014