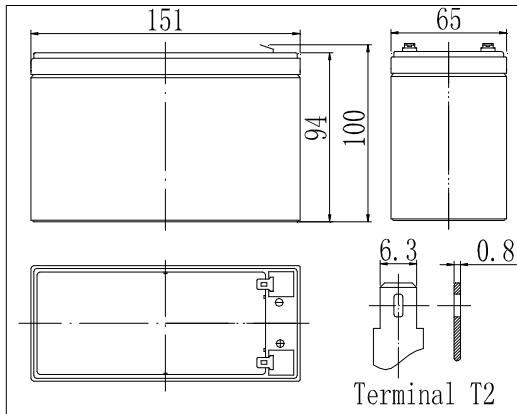


# RPower OGiV1272L (12V 7.2Ah Battery)

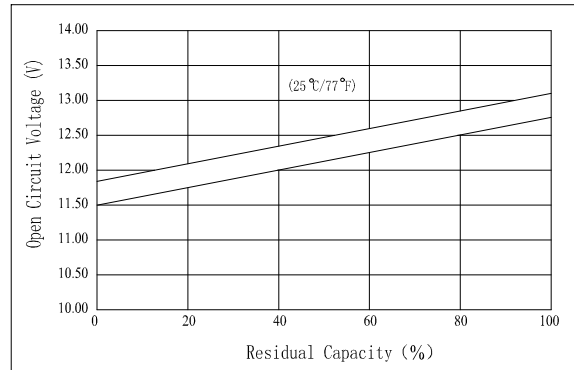
Floating Life at 20°C designed for 12+ years

EAN: 4260123680015

## Dimensions



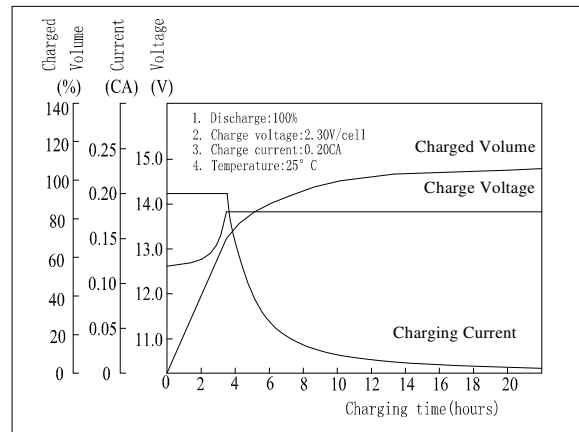
## The Relationship for Open Circuit Voltage and Residual Capacity (25°C)



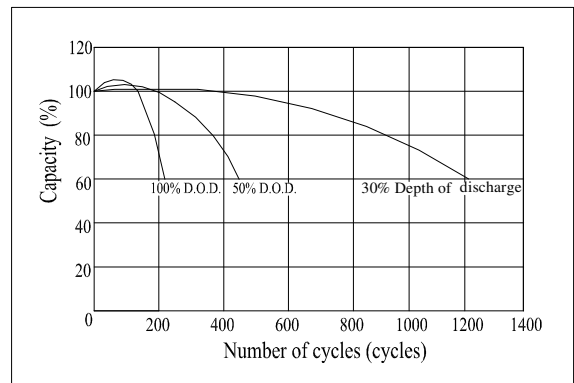
## Specifications

Nominal Voltage	12V	
Capacity (20hr@25°C@1.8V/C)	7.2Ah	
Dimensions	Length	151mm (5.94inch)
	Width	65mm (2.56inch)
	Height	94mm (3.70inch)
	Total Height	100mm (3.94inch)
Approx. Weight	2.38kg (5.25lbs)	
Maximum charging current	2.16A	
Maximum discharge current	108A (5sec.)	
Internal resistance (Fully charged, 25°C)	Approx. 25mΩ	
Capacity affected by temperature (20hr)	40°C	102%
	25°C	100%
	0°C	85%
	-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	-15°C ~ 50°C (5°F ~ 122°F)	
Float charging voltage (25°C)	13.65 to 13.80V	
Cyclic charging voltage (25°C)	14.50 to 14.90V	
Terminal material	Copper	

## Charging Characteristics (25°C)



## Cycle Life (25°C)



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

F.V./TIME	5min	10min	15min	30min	1h	3h	5h	10h	20h
9.60V	26,5	16,8	13,4	7,76	4,68	1,83	1,24	0,67	0,37
10.2V	25,2	15,9	12,9	7,45	4,49	1,80	1,22	0,67	0,36
10.8V	23,7	15,0	12,2	7,08	4,27	1,76	1,20	0,66	0,36

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

F.V./TIME	5min	10min	15min	30min	1h	3h	5h	10h	20h
9.60V	296	189	153	88,9	54,2	21,7	14,8	8,07	4,38
10.2V	281	180	147	85,4	52,0	21,4	14,6	8,00	4,35
10.8V	264	169	139	81,1	49,4	21,0	14,3	8,00	4,32

Valid from 12-2014