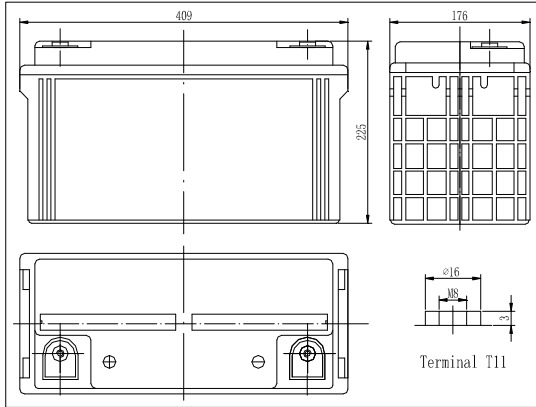


# RPower OGiV121200L (12V 120Ah Battery)

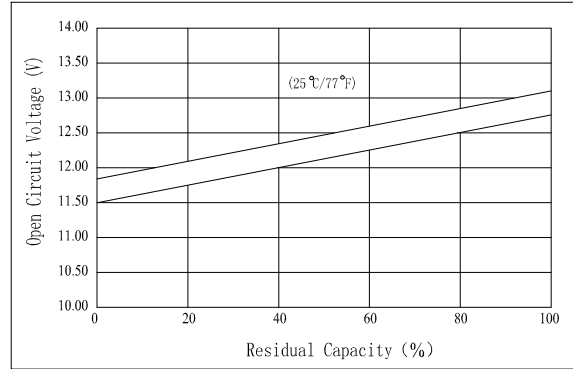
Floating Life at 20°C designed for 12+ years

EAN: 4260123680138

## Dimensions



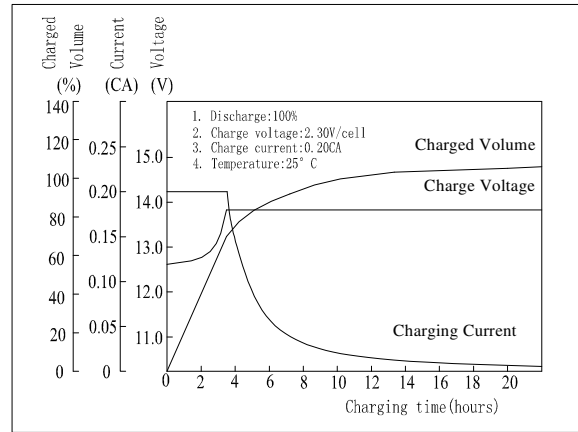
## The Relationship for Open Circuit Voltage and Residual Capacity (25°C)



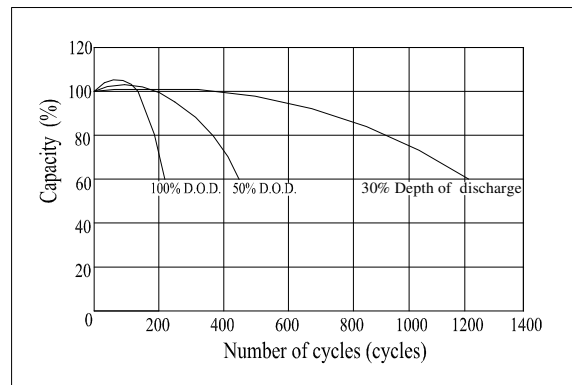
## Specifications

Nominal Voltage		12V
Capacity (20hr@25°C@1.8V/C)		124Ah
Dimensions	Length	409mm (16.1inch)
	Width	176mm (6.93inch)
	Height	225mm (8.86inch)
	Total Height	225mm (8.86inch)
Approx. Weight		35kg (77.2lbs)
Maximum charging current		36A
Maximum discharge current		960A (5sec.)
Internal resistance (Fully charged, 25°C)		Approx. 4mΩ
Capacity affected by temperature (10hr)	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	370	250	210	130	78,0	31,0	21,9	12,2	6,35
10.2V	352	238	202	125	74,9	30,5	21,6	12,1	6,35
10.8V	331	224	192	119	71,2	29,9	21,2	12,0	6,20

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

F.V/TIME	5min	10min	15min	30min	1h	3h	5h	10h	20h
9.60V	3885	2700	2306	1459	889	365	259	145	76,2
10.2V	3696	2570	2218	1403	854	359	255	144	76,2
10.8V	3476	2419	2108	1335	812	352	251	144	74,4

Valid from 12-2014