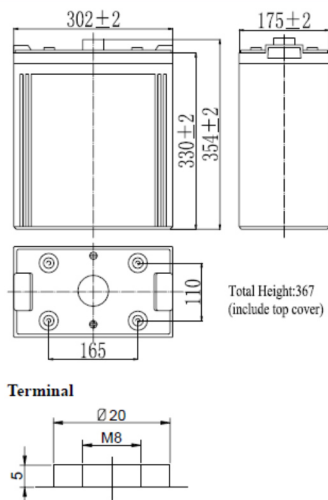


RPower OGiV27000L (2V 700Ah Battery)

Floating Life at 20°C designed for 12+ years

EAN: 4260123689704

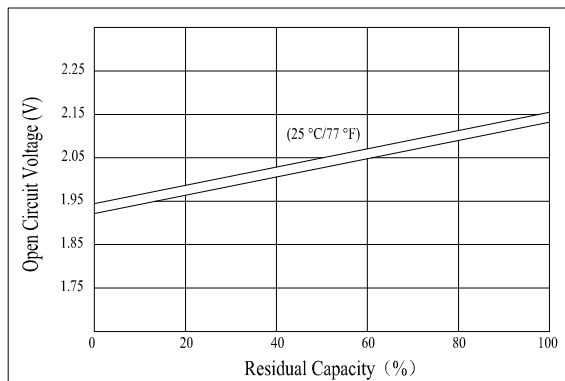
Dimensions



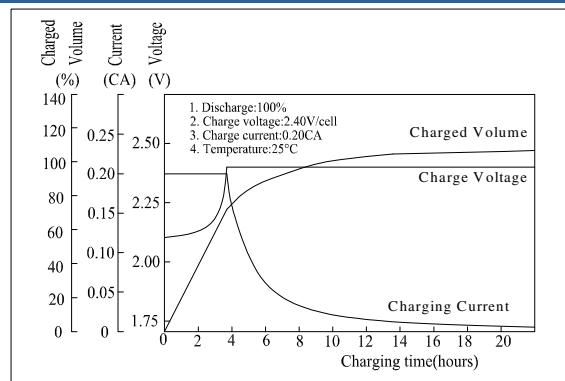
Specifications

Nominal Voltage		2V
Capacity (10hr@25°C@1.8V/C)		700Ah
Dimensions	Length	302mm (11.89inch)
	Width	175mm (6.89inch)
	Height	330mm (12.99inch)
	Total Height	367mm (14.45inch)
Approx. Weight		40.5kg (89.3lbs)
Maximum charging current		140A
Maximum discharge current		4000A (5sec.)
Internal resistance		Approx. 0.4mΩ
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

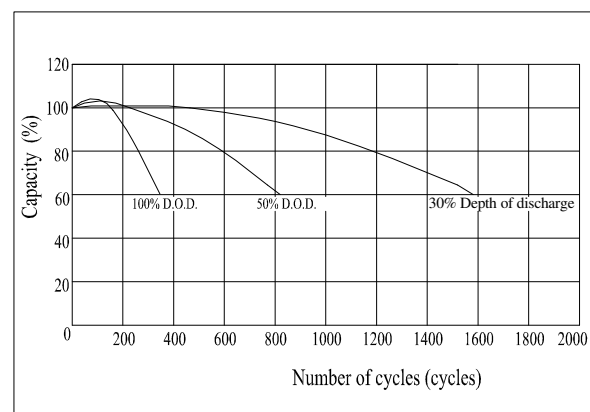
Relationship for Open Circuit Voltage/Residual Capacity



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	630	420	256	182	146	127	109	85,7	71,3	37,4	32,4
1.70V/cell	599	403	252	180	145	125	108	84,6	70,9	37,2	32,3
1.80V/cell	563	383	242	173	139	121	104	81,5	70,0	36,8	31,9

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	1178	798	494	357	287	250	215	171	142	74,8	65,2
1.70V/cell	1178	798	494	357	287	250	215	171	142	74,8	65,2
1.80V/cell	1052	728	467	339	273	238	205	162	139	73,5	64,0