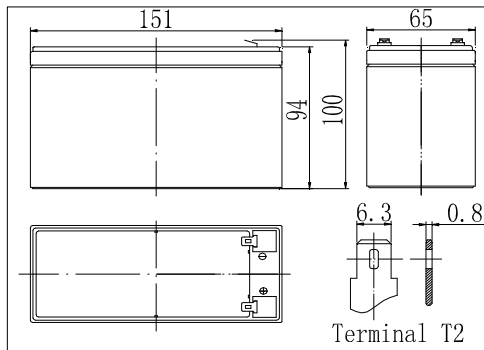


RPower OGiV1272LP (12V 7.2Ah AGM Battery)

Floating Life at 20°C designed for 10-12 years

EAN: 4260349823302

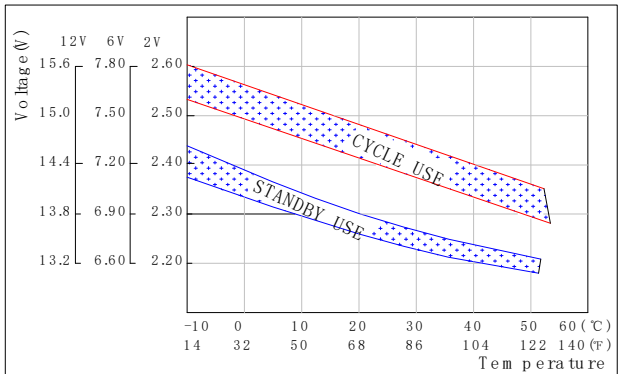
Dimensions



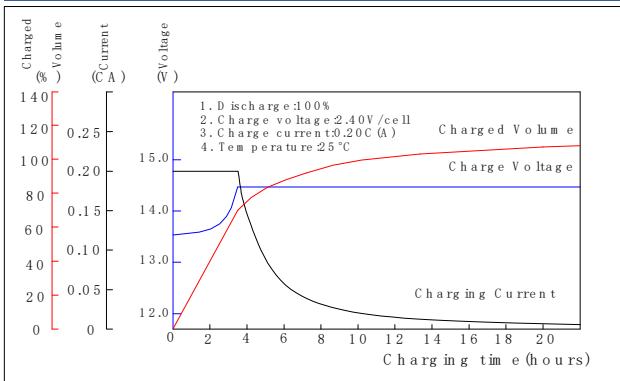
Specifications

Nominal Voltage	12V	
Capacity (20hr@25°C@1.75V/C)	7.2Ah	
Dimensions	Length	151mm (5.94inch)
	Width	65mm (2.56inch)
	Height	94mm (3.70inch)
	Total Height	100mm (3.94inch)
Approx. Weight	2.50kg (5.51lbs)	
Maximum charging current	2.16A	
Maximum discharge current	108A (5sec.)	
Internal resistance	Approx. 22mΩ	
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)	13.65 to 13.80V	
Cyclic charging voltage (25°C)	14.40 to 15.00V	
Terminal material	Copper	

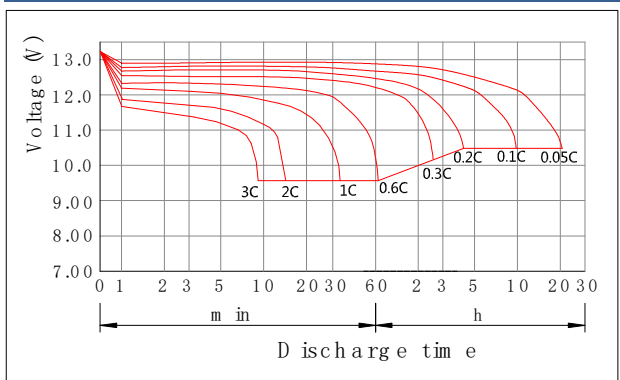
The Relationship for Charging Voltage and Temperature



Charging Characteristics (25°C)



Discharge Characteristics (25°C)



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

FV / TIME	5min	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
10.98V	22,80	14,65	12,13	9,70	6,96	4,95	3,92	2,17	1,59	1,32	1,09	0,96	0,79	0,65	0,34
10.80V	23,50	15,10	12,50	10,00	7,18	5,10	4,04	2,24	1,64	1,36	1,12	0,99	0,81	0,67	0,35
10.50V	25,20	16,00	13,20	10,50	7,56	5,31	4,25	2,33	1,69	1,40	1,16	1,00	0,82	0,69	0,36
10.20V	26,80	17,00	13,90	11,00	7,86	5,50	4,44	2,41	1,76	1,43	1,20	1,03	0,83	0,70	0,37
9.90V	28,40	17,90	14,60	11,50	8,15	5,77	4,63	2,49	1,82	1,48	1,25	1,06	0,84	0,70	0,38
9.60V	30,00	18,80	15,30	12,00	8,50	6,02	4,80	2,57	1,88	1,53	1,29	1,09	0,85	0,71	0,38

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

FV / TIME	5min	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
10.98V	250,84	166,45	138,52	108,83	76,82	58,20	45,98	26,66	19,03	15,54	12,75	11,29	9,20	7,62	3,96
10.80V	258,60	171,60	142,80	112,20	79,20	60,00	47,40	27,48	19,62	16,02	13,14	11,64	9,48	7,86	4,08
10.50V	273,60	182,40	148,80	117,60	82,20	62,40	49,68	28,38	20,28	16,50	13,50	11,76	9,60	8,10	4,20
10.20V	288,60	193,20	155,40	123,60	85,80	64,80	51,18	29,34	20,94	16,86	13,80	12,12	9,72	8,16	4,32
9.90V	304,20	204,00	162,00	129,00	89,40	67,80	53,40	30,12	21,54	17,40	14,04	12,48	9,84	8,22	4,38
9.60V	319,80	214,80	168,60	134,40	93,00	70,80	55,80	30,78	22,08	18,00	14,28	12,84	9,96	8,34	4,44

Version: 2015-09