

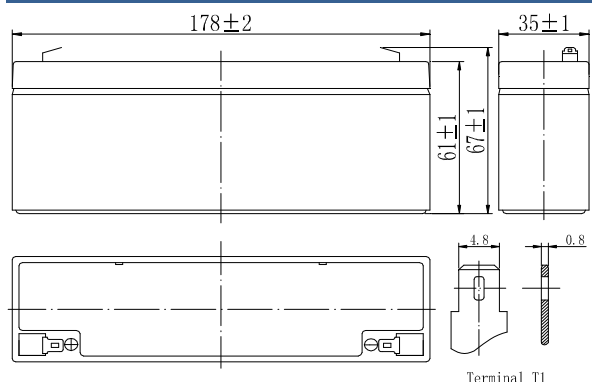
RPower GiV1223V (12V 2.3Ah AGM Battery)

VdS No. G110072

EAN: 4260123682958

Floating Life at 20°C designed for up to 6 years

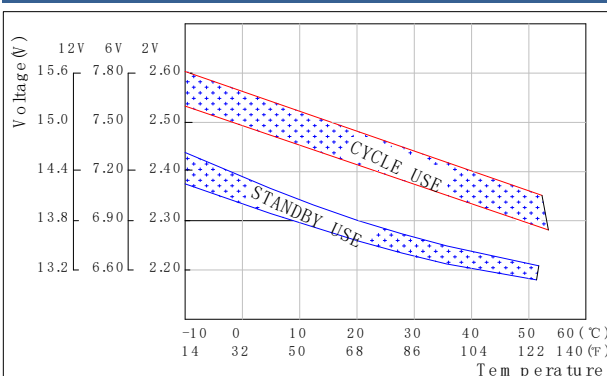
Dimensions



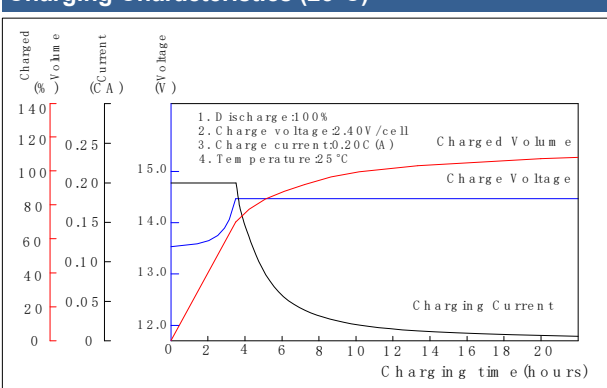
Specifications

Nominal Voltage		12V
Capacity (20hr@25°C@1.75V/C)		2.3Ah
Dimensions (±2mm)	Length	178mm (7.01inch)
	Width	35mm (1.38inch)
	Height	61mm (2.40inch)
	Total Height	67mm (2.64inch)
Approx. Weight		0.88kg (1.94lbs)
Maximum charging current		0.69A
Maximum discharge current		34.5A (5sec.)
Internal resistance		Approx. 60mΩ
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		-20°C~50°C (-4°F~122°F)
Float charging voltage (25°C)		13.65 to 13.80V
Cyclic charging voltage (25°C)		14.40 to 15.00V
Terminal material		Copper

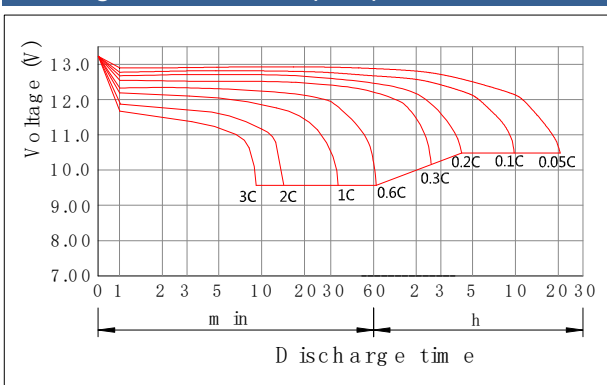
The Relationship for Charging Voltage and Temperature



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	7,12	4,50	3,64	2,75	2,12	1,65	1,33	0,75	0,55	0,44	0,38	0,29	0,24	0,21	0,11
10.80V	7,34	4,64	3,76	2,83	2,19	1,69	1,36	0,77	0,56	0,45	0,38	0,30	0,24	0,21	0,11
10.50V	7,78	4,91	3,97	2,99	2,26	1,74	1,40	0,79	0,58	0,46	0,39	0,31	0,25	0,22	0,12
10.20V	8,13	5,14	4,10	3,09	2,32	1,78	1,44	0,81	0,58	0,46	0,39	0,31	0,26	0,22	0,12
9.90V	8,47	5,35	4,27	3,21	2,40	1,84	1,48	0,81	0,58	0,47	0,40	0,31	0,26	0,22	0,12
9.60V	8,74	5,52	4,37	3,29	2,43	1,87	1,50	0,82	0,59	0,47	0,40	0,31	0,26	0,22	0,12

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	79,40	50,70	41,50	31,30	24,20	18,70	15,50	8,86	6,50	5,26	4,48	3,56	2,93	2,49	1,34
10.80V	81,90	52,30	42,80	32,30	24,90	19,10	15,80	9,04	6,63	5,31	4,53	3,59	2,95	2,52	1,35
10.50V	86,80	55,40	45,20	34,00	25,90	19,80	16,30	9,28	6,83	5,48	4,67	3,69	3,04	2,57	1,38
10.20V	90,70	57,90	46,80	35,20	26,50	20,30	16,60	9,42	6,88	5,52	4,70	3,72	3,06	2,58	1,39
9.90V	94,60	60,40	48,60	36,50	27,40	20,90	17,10	9,50	6,93	5,56	4,73	3,77	3,09	2,60	1,40
9.60V	97,50	62,30	49,80	37,40	27,90	21,20	17,30	9,56	6,97	5,59	4,76	3,78	3,10	2,61	1,40