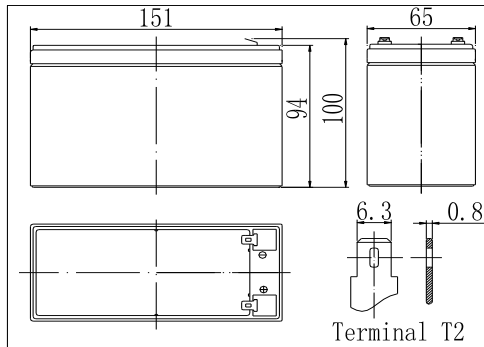


RPower GiV1290HP (12V 9Ah AGM Battery)

Floating Life at 20°C designed for up to 5 years

EAN: 4260349823500

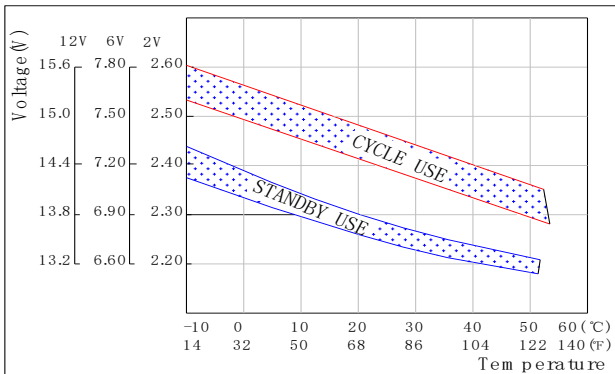
Dimensions



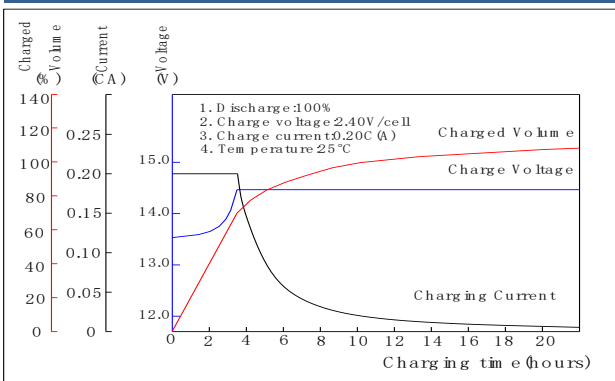
Specifications

Nominal Voltage		12V
Capacity (20hr@25°C@1.8V/C)		9Ah
Dimensions (±2mm)	Length	151mm (5.94inch)
	Width	65mm (2.56inch)
	Height	94mm (3.70inch)
	Total Height	100mm (3.94inch)
Approx. Weight		2.56kg (5.64lbs)
Maximum charging current		3.60A
Maximum discharge current		135A (5sec.)
Internal resistance		Approx. 15mΩ
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

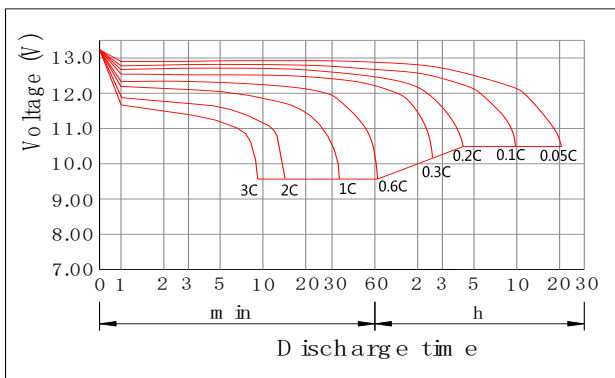
The Relationship for Charging Voltage and Temperature



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	28,09	20,37	15,02	11,88	8,82	6,78	5,42	2,92	2,17	1,65	1,38	1,18	0,96	0,82	0,45
10.80V	29,89	21,62	15,91	12,56	9,30	7,11	5,69	3,06	2,26	1,71	1,43	1,21	0,99	0,84	0,46
10.50V	31,21	22,64	16,42	13,44	9,96	7,45	5,96	3,15	2,34	1,80	1,50	1,24	1,01	0,86	0,46
10.20V	32,74	23,46	17,44	13,91	10,30	7,75	6,20	3,24	2,40	1,85	1,54	1,26	1,02	0,87	0,47
9.90V	34,27	24,58	18,26	14,73	10,91	8,06	6,45	3,33	2,47	1,91	1,59	1,28	1,04	0,88	0,48
9.60V	35,80	25,60	19,18	15,28	11,32	8,36	6,69	3,46	2,56	1,96	1,63	1,29	1,05	0,89	0,48

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	331,94	225,99	171,59	135,43	100,95	76,45	58,91	34,72	27,00	19,54	18,43	13,98	11,43	9,74	5,28
10.80V	353,12	239,90	181,76	143,16	106,49	80,17	61,81	36,32	28,15	20,36	19,09	14,41	11,72	9,94	5,39
10.50V	375,16	248,47	188,50	153,21	111,38	82,62	65,48	37,46	28,40	21,38	19,28	14,76	12,01	10,18	5,45
10.20V	392,90	257,65	190,94	158,55	116,28	86,29	67,93	38,44	28,83	21,96	19,46	14,93	12,15	10,30	5,57
9.90V	419,22	266,83	195,84	167,97	121,18	89,96	70,99	39,59	29,13	22,68	19,65	15,16	12,34	10,46	5,70
9.60V	435,13	276,62	202,57	174,25	125,46	93,02	73,44	41,06	29,44	23,27	19,83	15,29	12,44	10,54	5,70