

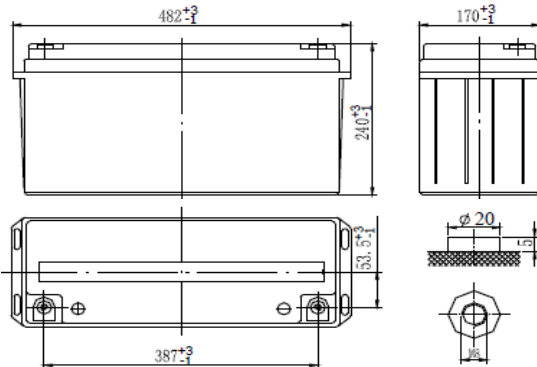
RPower OGiV124100HP (12V 150Ah AGM High-Power-Battery)

with UL94 V-0 Housing

EAN: 4260349823708

Floating Life at 20°C designed for up to 12 years

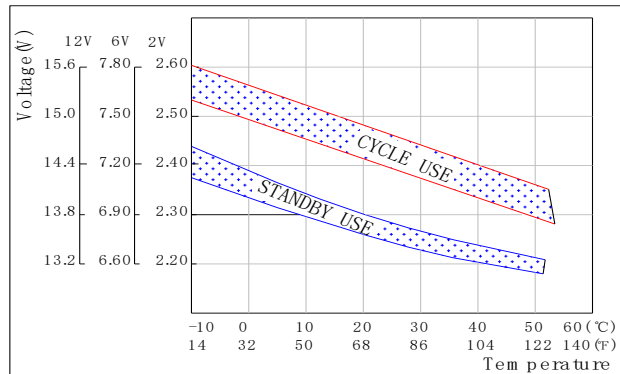
Dimensions



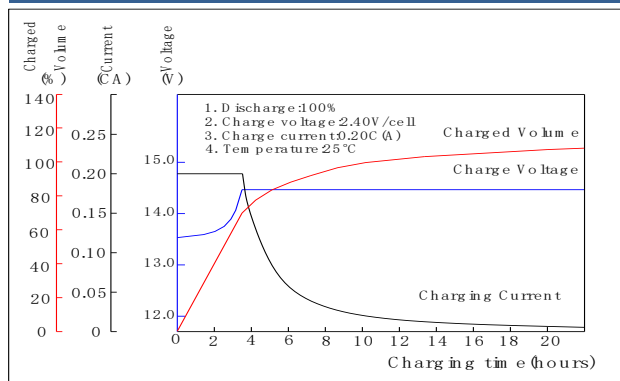
Specifications

Nominal Voltage		12V
Capacity (10hr@25°C@1.80V/C)		150Ah
Dimensions	Length	482mm (19.0inch)
	Width	170mm (6.69inch)
	Height	240mm (9.45inch)
	Total Height	240mm (9.45inch)
Approx. Weight		45.00kg (99.21lbs)
Maximum charging current		45A
Maximum discharge current		1.000A (5sec.)
Internal resistance		Approx. 3.5mΩ
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

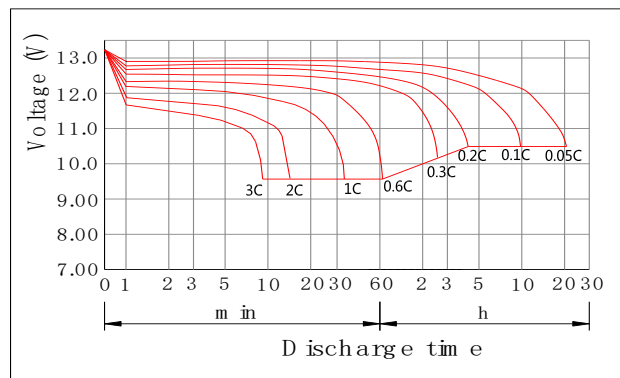
The Relationship for Charging Voltage and Temperature



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	401,72	326,22	268,14	222,64	162,62	114,22	90,02	52,39	39,88	31,51	26,40	22,88	18,36	14,42	7,45
10.80V	415,00	337,00	277,00	230,00	168,00	118,00	93,00	54,22	41,29	32,64	27,34	23,68	19,07	15,00	7,79
10.50V	423,00	348,00	291,00	240,00	174,00	121,00	96,00	56,06	42,72	33,79	28,32	24,58	19,78	15,56	8,13
10.20V	432,00	365,00	301,00	246,00	178,00	124,00	97,00	56,75	43,26	34,24	28,71	24,93	20,08	15,81	8,25
10.02V	454,00	382,00	312,00	253,00	194,00	127,00	99,00	58,01	44,25	35,05	29,40	25,54	20,59	16,23	8,48
9.60V	477,00	406,00	332,00	265,00	198,00	132,00	102,00	59,87	45,70	36,21	30,40	26,42	21,32	16,81	8,83

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	4042,37	3496,42	2915,62	2387,09	1771,44	1295,18	1051,25	590,80	441,38	357,42	305,91	263,86	207,10	169,38	86,26
10.80V	4176,00	3612,00	3012,00	2466,00	1830,00	1338,00	1086,00	611,42	457,21	370,33	317,11	273,67	214,82	175,99	90,03
10.50V	4254,00	3714,00	3162,00	2574,00	1902,00	1380,00	1104,00	622,66	466,99	377,57	323,47	279,31	219,70	179,49	92,13
10.20V	4560,00	3834,00	3300,00	2646,00	1980,00	1428,00	1140,00	644,10	483,36	391,02	335,16	289,45	228,00	188,04	96,55
10.02V	4908,00	4014,00	3360,00	2718,00	2052,00	1458,00	1152,00	652,03	489,60	396,29	339,84	293,76	231,55	191,84	98,65
9.60V	5160,00	4128,00	3600,00	2844,00	2112,00	1524,00	1200,00	680,40	511,20	414,00	355,20	307,20	242,40	202,24	103,85