

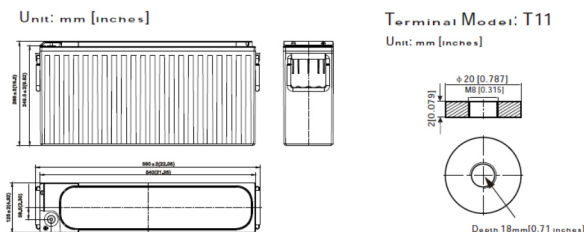
RPower RB121500FT (12V 150Ah Pure Lead)

with Central Degassing

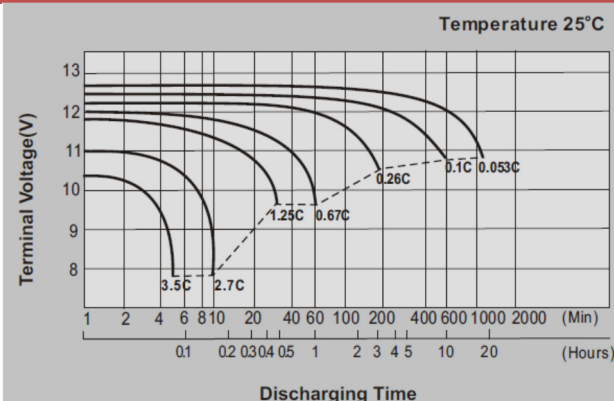
Floating Life at 20°C designed for 20 years

EAN: 4260123690007

Dimensions



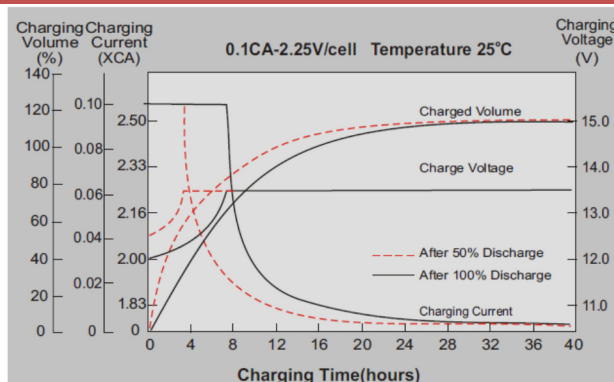
Discharge Characteristics



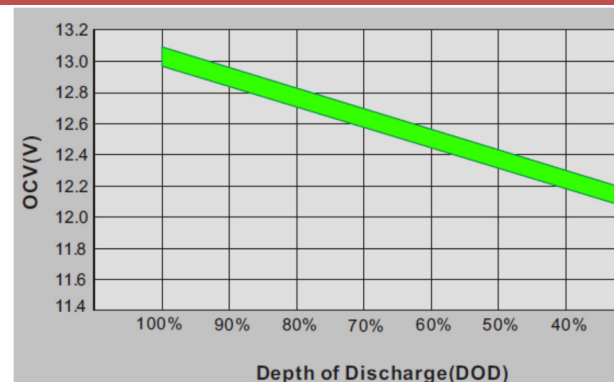
Specifications

Nominal Voltage		12V
Capacity (10hr@25°C@1.8V/C)		150Ah
Dimensions	Length	560mm (20.05inch)
	Width	125mm (4.92inch)
	Height	260mm (10.24inch)
	Total Height	260mm (10.24inch)
Approx. Weight		46.5kg (102.3lbs)
Maximum charging current		45A
Maximum discharge current		1400A (5sec.)
Internal resistance		Approx. 3.6mΩ
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)		13.50V
Terminal material		Copper

Charging Characteristics



Open Circuit Voltage vs The Depth of Discharge



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

F.V/ TIME	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	8h	10h	20h
11.1V	282,9	240,0	204,6	155,2	114,7	91,1	51,0	37,0	29,6	24,7	17,0	14,51	7,69
10.8V	316,0	261,0	218,9	164,1	120,3	95,3	53,3	38,6	30,9	25,8	17,6	15,0	7,95
10.5V	340,5	277,2	231,3	170,2	124,5	98,4	54,6	39,7	31,7	26,5	17,9	15,2	8,07
10.2V	365,8	292,2	240,3	175,8	127,7	100,3	55,7	40,4	32,1	26,9	18,2	15,4	8,14
9.90V	388,8	306,0	247,5	179,1	129,4	101,7	56,4	41,0	32,5	27,1	18,4	15,5	8,20
9.60V	413,8	318,0	255,6	183,9	131,9	103,5	57,2	41,5	32,9	27,4	18,6	15,6	8,25

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

F.V/ TIME	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	8h	10h	20h
11.1V	3219,6	2754,6	2361,6	1813,2	1359,6	1083,6	612,0	444,6	357,6	299,4	206,4	177,0	94,2
10.8V	3539,4	2956,2	2503,2	1903,8	1417,8	1127,4	635,4	462,0	371,4	310,8	213,0	182,4	97,2
10.5V	3775,2	3109,8	2622,0	1959,0	1458,0	1156,8	648,0	472,8	379,8	318,0	216,6	184,8	98,4
10.2V	3994,2	3238,8	2697,0	2007,0	1486,2	1173,0	657,6	479,4	384,0	321,6	219,6	185,4	99,0
9.90V	4203,6	3358,2	2756,4	2035,8	1498,8	1185,0	663,6	484,8	387,0	324,0	221,4	186,6	99,0
9.60V	4399,8	3438,0	2814,0	2070,0	1515,0	1195,2	667,8	487,8	389,4	325,2	222,6	187,2	99,6