

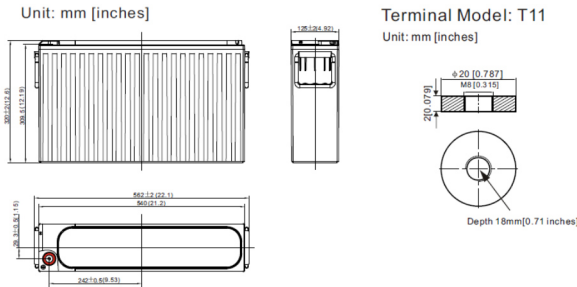
RPower RB121900FT (12V 190Ah Pure Lead)

with Central Degassing

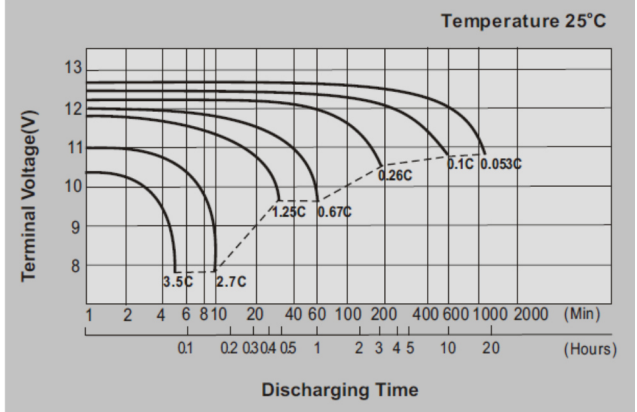
Floating Life at 20°C designed for 20 years

EAN: 4260123690014

Dimensions



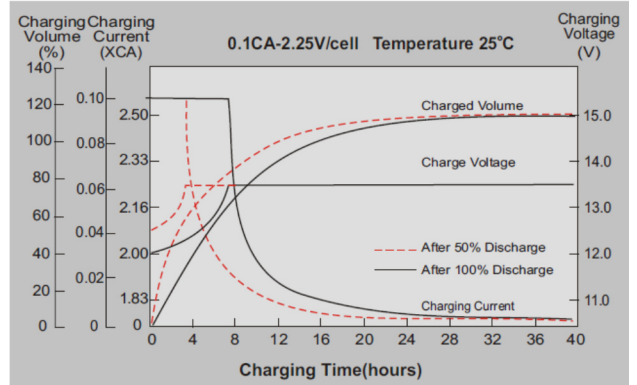
Discharge Characteristics



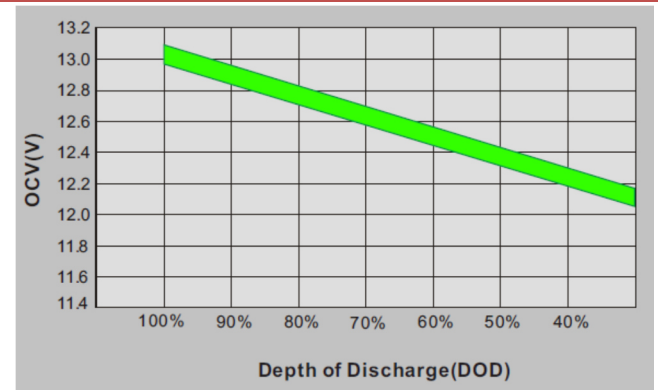
Specifications

Nominal Voltage		12V
Capacity (10hr@25°C@1.8V/C)		190Ah
Dimensions	Length	562mm (22.1inch)
	Width	125mm (4.92inch)
	Height	320mm (12.60inch)
	Total Height	320mm (12.60inch)
Approx. Weight		60.0kg (132.3lbs)
Maximum charging current		57A
Maximum discharge current		1500A (5sec.)
Internal resistance		Approx. 3.0mΩ
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	353,9	293,2	262,1	194,7	151,6	123,2	73,9	53,2	43,1	35,4	23,2	18,79	9,71
10.8V	399,7	325,0	286,9	209,6	160,7	129,3	76,0	54,5	43,8	35,9	23,4	19,00	9,82
10.5V	443,9	355,1	310,0	223,3	168,9	134,7	77,9	55,5	44,3	36,2	23,5	19,11	9,93
10.2V	484,9	382,5	330,8	235,3	176,0	139,4	79,4	56,3	44,8	36,5	23,6	19,21	10,03
9.90V	507,2	397,1	341,8	241,5	179,7	141,8	80,2	56,7	45,0	36,7	23,7	19,21	10,14
9.60V	546,1	424,9	362,3	253,1	186,4	146,1	81,6	57,4	45,4	36,9	23,8	19,32	10,25

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	3876,0	3284,4	2953,8	2221,8	1754,4	1437,6	869,4	630,6	514,2	424,2	279,0	226,7	117,8
10.8V	4281,6	3568,2	3174,6	2355,6	1837,2	1495,2	891,0	642,0	522,0	429,0	281,4	228,7	118,5
10.5V	4662,6	3831,6	3376,8	2476,8	1912,2	1545,6	909,6	652,2	528,0	432,6	282,6	229,9	119,8
10.2V	5007,0	4066,2	3556,8	2583,0	1976,4	1589,4	925,2	660,0	533,4	436,2	283,8	230,6	121,0
9.90V	5190,0	4190,4	3651,0	2638,2	2010,0	1611,0	933,0	663,6	535,8	438,6	283,8	230,6	121,7
9.60V	5533,2	4420,8	3825,0	2739,0	2070,0	1651,2	946,2	670,2	540,0	440,4	285,0	231,8	122,3

Valid from 12-2014