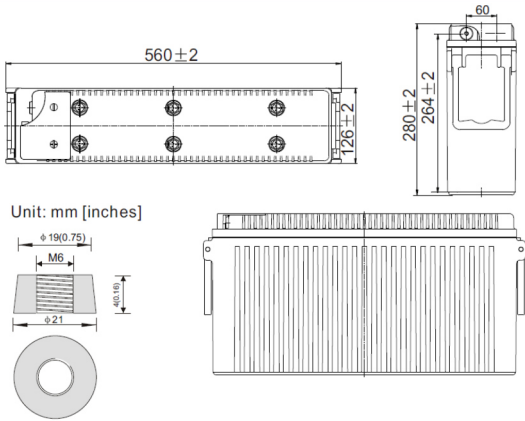


# RPower GELOGiV121600FT (12V 158Ah GEL Front Terminal)

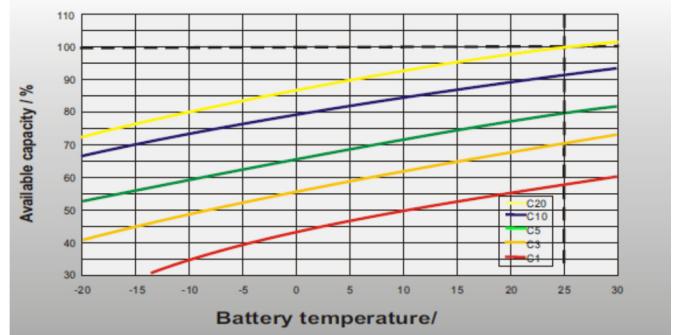
Floating Life at 20°C designed for 12+ years

EAN: 4260349822299

## Dimensions



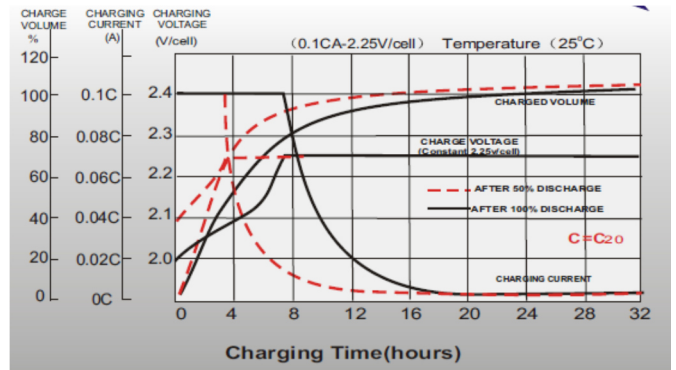
## Temperature Effects in Relation to Battery Capacity



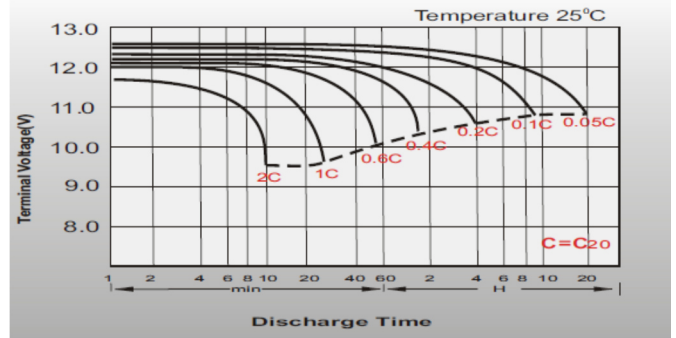
## Specifications

Nominal Voltage		12V
Capacity (20hr@25°C@1.80V/C)		158Ah
Dimensions	Length	560mm (22.1inch)
	Width	126mm (4.96inch)
	Height	280mm (11.02inch)
	Total Height	280mm (11.02inch)
Approx. Weight		54.5kg (120.2lbs)
Maximum charging current		39.5A
Maximum discharge current		1.500A (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)		13.65 to 13.80V
Cyclic charging voltage (25°C)		14.40 to 15.00V
Terminal material		Copper

## Float Charging Characteristics



## Discharge Characteristics



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

F.V/ TIME	20min	30min	45min	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	20h
11.1V	125,8	98,7	75,3	63,2	44,3	33,8	28,0	24,1	20,5	18,2	16,4	15,0	14,3	7,59
10.8V	144,0	110,3	83,0	69,7	47,9	36,2	29,6	25,4	21,6	19,0	17,2	15,8	15,0	7,90
10.5V	161,9	121,3	89,8	74,6	50,8	38,2	31,0	26,4	22,3	19,7	17,7	16,2	15,3	8,06
10.2V	174,4	129,9	95,3	79,0	53,9	39,8	32,1	27,2	23,1	20,4	18,3	16,7	15,6	8,16
9.90V	181,5	135,0	98,7	81,9	55,3	41,1	32,9	27,7	23,5	20,7	18,5	16,9	15,8	8,24
9.60V	196,7	144,5	106,0	87,0	57,5	42,7	34,1	28,6	24,1	21,1	18,9	17,2	16,1	8,36

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

F.V/ TIME	20min	30min	45min	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	20h
11.1V	1444,2	1141,2	876,00	738,00	519,60	396,60	330,00	286,20	244,20	216,60	195,60	179,40	171,60	90,60
10.8V	1632,6	1263,0	957,00	810,00	559,20	423,60	348,60	299,40	255,60	226,20	204,60	187,80	178,80	94,20
10.5V	1814,4	1374,0	1025,4	862,80	591,00	446,40	363,60	309,60	263,40	233,40	210,60	193,20	181,80	96,00
10.2V	1933,2	1461,6	1084,8	909,60	624,00	463,80	375,00	318,60	272,40	240,60	216,60	198,00	186,00	97,20
9.90V	1989,6	1498,2	1113,6	936,60	636,60	476,40	382,80	324,00	276,00	243,60	219,60	200,40	187,80	98,40
9.60V	2132,4	1593,6	1189,8	989,40	659,40	493,20	396,00	333,00	282,00	248,40	222,60	204,60	191,40	99,60

Valid from 12-2014