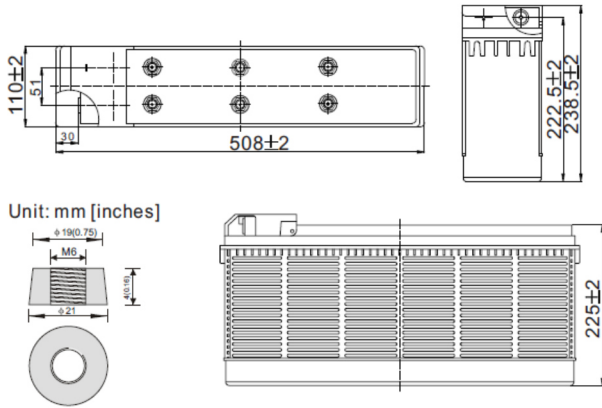


RPower GELOGiV12900FT (12V 90Ah GEL Front Terminal)

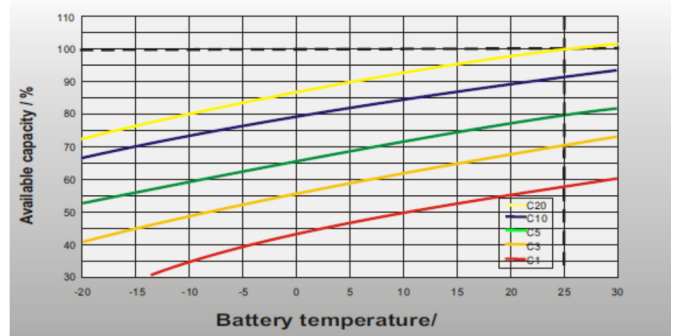
Floating Life at 20°C designed for 12+ years

EAN: 4260349822275

Dimensions



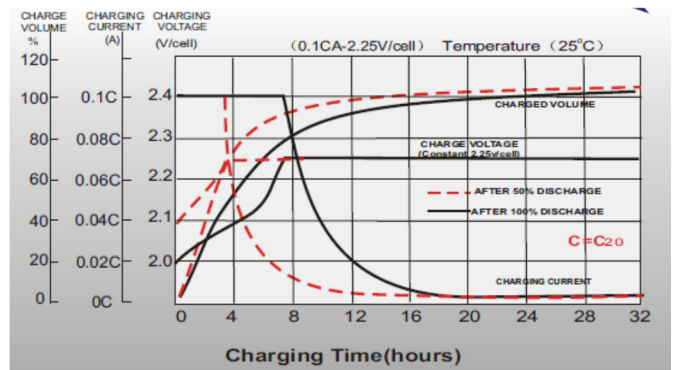
Temperature Effects in Relation to Battery Capacity



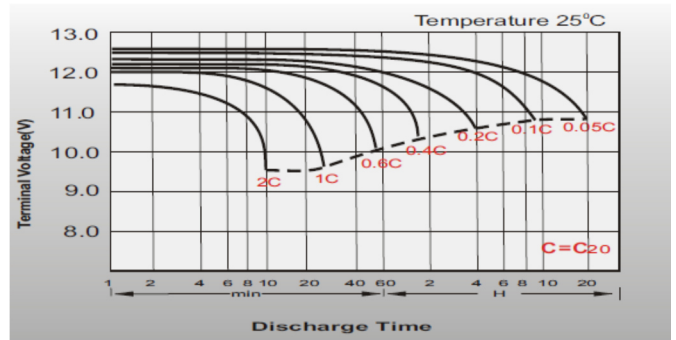
Specifications

Nominal Voltage		12V
Capacity (20hr@25°C@1.80V/C)		90Ah
Dimensions	Length	508mm (20.0inch)
	Width	110mm (4.33inch)
	Height	238.5mm (9.39inch)
	Total Height	238.5mm (9.39inch)
Approx. Weight		32.3kg (71.2lbs)
Maximum charging current		22.5A
Maximum discharge current		900A (5sec.)
Internal resistance		Approx. 5.6mΩ
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)		13.65 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	71,1	55,8	42,6	35,6	25,0	19,1	15,8	13,6	11,7	10,4	9,37	8,57	8,14	4,32
10.8V	81,4	62,4	46,9	39,3	27,1	20,4	16,8	14,3	12,3	10,9	9,82	9,01	8,50	4,50
10.5V	91,5	68,6	50,8	42,1	28,7	21,6	17,5	14,9	12,8	11,3	10,1	9,28	8,67	4,59
10.2V	98,6	73,4	53,9	44,5	30,4	22,5	18,1	15,4	13,2	11,6	10,4	9,52	8,87	4,65
9.90V	102,6	76,3	55,8	46,2	31,2	23,2	18,6	15,7	13,4	11,8	10,6	9,65	8,98	4,69
9.60V	111,2	81,7	59,9	49,1	32,5	24,1	19,3	16,2	13,7	12,1	10,8	9,85	9,15	4,76

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	816,60	645,00	495,60	416,40	293,40	224,40	186,60	161,40	139,20	123,60	111,60	102,60	97,20	51,72
10.8V	922,80	714,00	541,20	457,20	316,20	239,40	196,80	169,20	145,80	129,00	117,00	107,40	101,40	53,82
10.5V	1026,0	777,00	579,60	486,60	334,20	252,60	205,80	175,20	150,60	133,20	120,60	110,40	103,20	54,84
10.2V	1093,2	826,20	613,20	513,00	352,20	262,20	211,80	180,00	155,40	137,40	123,60	113,40	105,60	55,50
9.90V	1125,0	847,20	629,40	528,00	360,00	269,40	216,60	183,00	157,80	139,20	125,40	114,60	106,80	55,98
9.60V	1205,4	900,60	672,60	558,00	372,60	279,00	223,80	188,40	160,80	141,60	127,20	117,00	108,60	56,70

Valid from 12-2014