

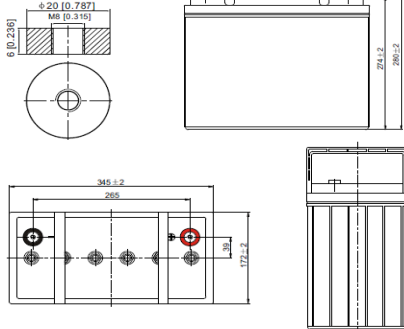
RPower GELOGiV121200L (12V 120Ah GEL Battery)

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

EAN: 4260349822237

Dimensions

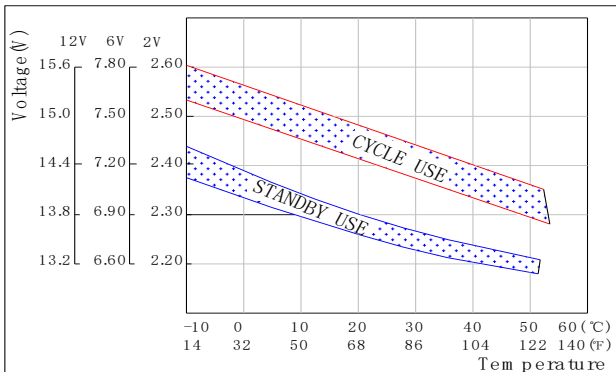
T11 Terminal
Unit: mm [inches]



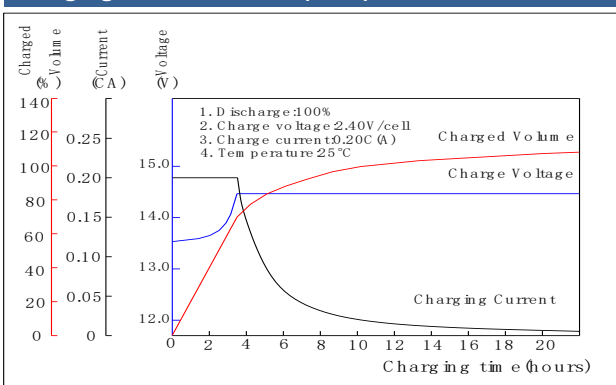
Specifications

Nominal Voltage		12V
Capacity (20hr@25°C@1.80V/C)		120Ah
Dimensions (±2mm)	Length	345mm (13.6inch)
	Width	172mm (6.77inch)
	Height	274mm (10.8inch)
	Total Height	280mm (11.0inch)
Approx. Weight		40.20kg (88.63lbs)
Maximum charging current		30A
Maximum discharge current		1.080A (5sec.)
Internal resistance		Approx. 4.9mΩ
Capacity affected by temperature (10hr)	40°C	103%
	25°C	100%
	0°C	88%
	-15°C	70%
Self-discharge (25°C)	3 month	Remaining Capacity: 94%
	6 month	Remaining Capacity: 88%
	12 month	Remaining Capacity: 75%
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

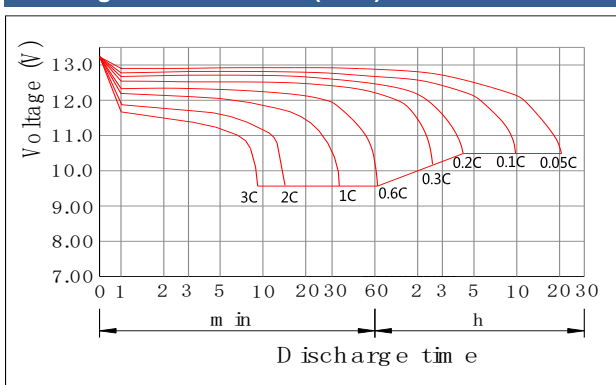
The Relationship for Charging Voltage and Temperature



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	193,00	139,70	119,30	108,90	84,40	63,90	53,50	33,60	25,50	21,00	18,00	15,60	12,40	10,70	5,88
10.80V	211,70	150,50	128,20	116,30	89,00	67,00	56,20	34,90	26,40	21,60	18,50	15,90	12,70	10,90	6,00
10.50V	250,60	174,20	146,40	130,70	97,90	72,50	60,10	37,00	27,80	22,60	19,20	16,50	13,10	11,20	6,12
10.20V	295,20	200,20	162,70	140,80	104,90	77,00	63,60	39,20	29,00	23,40	19,80	17,10	13,50	11,40	6,20
9.90V	319,70	212,40	169,90	146,50	109,00	79,70	66,00	40,30	29,90	23,90	20,20	17,40	13,70	11,60	6,26
9.60V	357,10	233,30	182,90	158,80	116,60	85,60	70,10	41,90	31,10	24,80	20,80	17,80	14,00	11,80	6,35

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	2162,40	1573,20	1350,60	1242,60	970,80	741,00	623,40	393,00	298,80	247,20	213,00	184,80	148,20	127,80	70,20
10.80V	2353,20	1681,80	1440,00	1318,20	1020,00	774,00	652,80	408,00	309,00	253,80	218,40	189,00	151,20	130,80	72,00
10.50V	2728,80	1913,40	1622,40	1464,60	1111,20	831,00	695,40	430,80	325,20	265,20	225,60	195,00	156,00	133,20	73,20
10.20V	3151,20	2161,80	1779,00	1560,60	1180,20	876,00	731,40	454,20	337,80	273,00	232,20	201,00	160,20	136,20	73,80
9.90V	3352,80	2258,40	1828,80	1606,20	1213,20	900,60	754,20	463,80	347,40	279,00	236,40	204,00	162,00	137,40	74,40
9.60V	3672,60	2432,40	1936,80	1721,40	1286,40	960,60	796,80	480,00	359,40	288,60	243,00	208,20	165,00	139,80	75,60