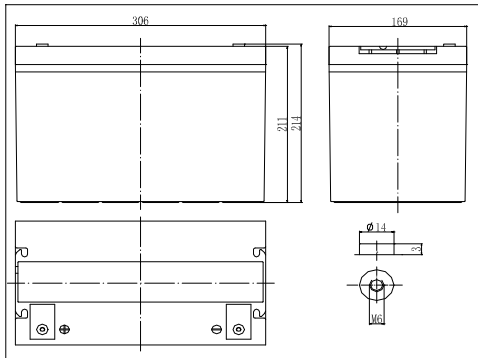


RPower OGiV12900LP (12V 90Ah AGM Battery)

Floating Life at 20°C designed for 10-12 years

EAN: 4260349823425

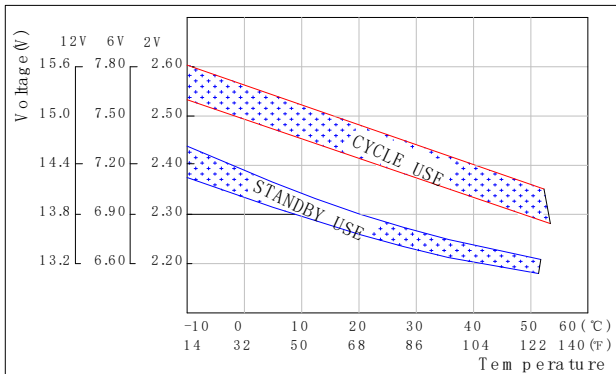
Dimensions



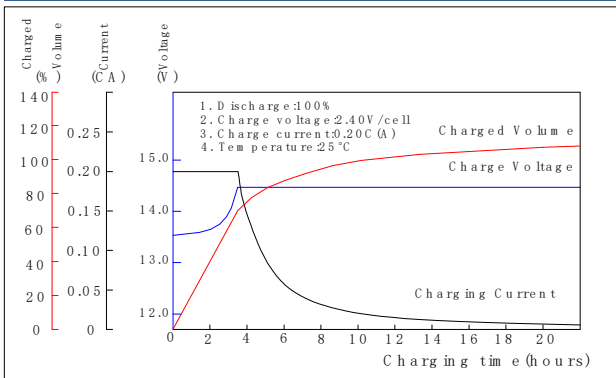
Specifications

Nominal Voltage	12V	
Capacity (10hr@25°C@1.80V/C)	90Ah	
Dimensions	Length	305mm (12.0inch)
	Width	168mm (6.61inch)
	Height	210mm (8.27inch)
	Total Height	215mm (8.46inch)
Approx. Weight	27.50kg (60.63lbs)	
Maximum charging current	27.0A	
Maximum discharge current	900A (5sec.)	
Internal resistance	Approx. 5.7mΩ	
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	

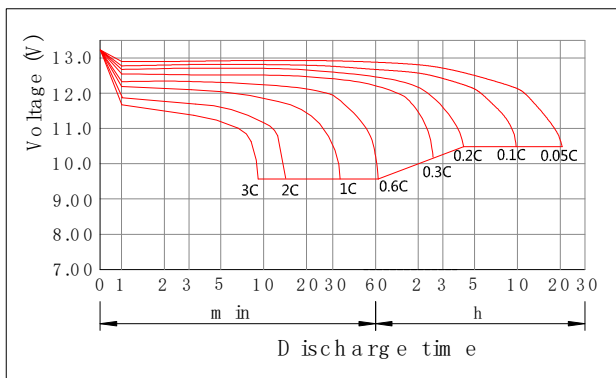
The Relationship for Charging Voltage and Temperature



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	--	150,35	122,22	95,06	77,60	58,20	47,05	29,20	21,15	16,88	14,55	12,61	10,19	8,73	4,53
10.80V	--	155,00	126,00	98,00	80,00	60,00	48,50	30,10	21,80	17,40	15,00	13,00	10,50	9,00	4,67
10.50V	--	170,00	136,00	104,00	83,20	62,00	50,00	31,00	22,50	18,10	15,40	13,30	10,70	9,05	4,72
10.20V	--	183,00	145,00	111,00	86,40	63,60	51,30	31,80	23,00	18,70	15,70	13,70	10,90	9,10	4,78
9.90V	--	195,00	154,00	119,00	89,30	65,10	52,50	32,40	23,50	19,30	16,00	13,90	11,00	9,15	4,82
9.60V	--	207,00	162,00	127,00	92,00	66,50	53,50	33,00	24,00	19,80	16,20	14,10	11,10	9,20	4,92

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	--	1833,30	1501,56	1117,44	884,64	669,30	552,90	329,41	251,42	190,31	174,60	143,75	114,65	100,10	52,21
10.80V	--	1890,00	1548,00	1152,00	912,00	690,00	570,00	339,60	259,20	196,20	180,00	148,20	118,20	103,20	53,82
10.50V	--	2010,00	1626,00	1224,00	948,00	708,00	582,00	349,20	265,20	204,00	183,00	151,80	120,60	103,80	54,36
10.20V	--	2100,00	1686,00	1308,00	978,00	726,00	594,00	358,20	270,60	211,20	185,40	156,00	123,00	104,40	55,08
9.90V	--	2178,00	1734,00	1398,00	1008,00	738,00	606,00	366,00	276,00	217,80	187,20	158,40	124,20	105,00	55,50
9.60V	--	2250,00	1830,00	1494,00	1032,00	750,00	618,00	372,00	280,80	223,20	189,00	160,80	125,40	105,60	56,70

Version: 2015-09