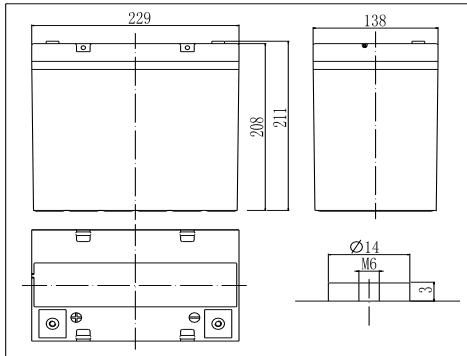


RPower OGiV12550LP (12V 55Ah AGM Battery)

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

EAN: 4260349823371

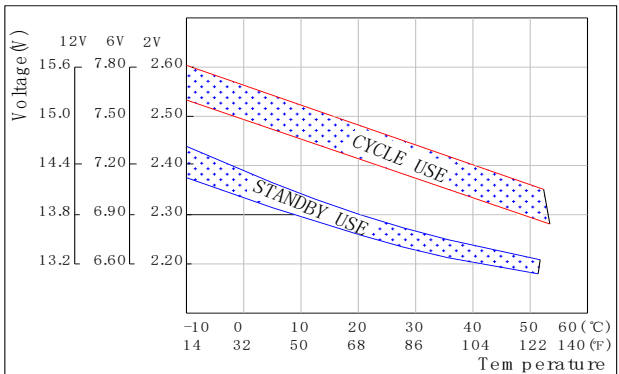
Dimensions



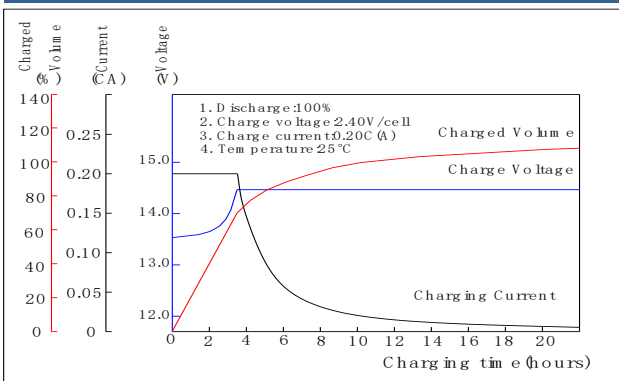
Specifications

Nominal Voltage		12V
Capacity (10hr@25°C@1.80V/C)		59Ah
Dimensions (±2mm)	Length	229mm (9.02inch)
	Width	138mm (5.43inch)
	Height	208mm (8.19inch)
	Total Height	213mm (8.39inch)
Approx. Weight		17.20kg (37.92lbs)
Maximum charging current		16.5A
Maximum discharge current		550A (5sec.)
Internal resistance		Approx. 5.8mΩ
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

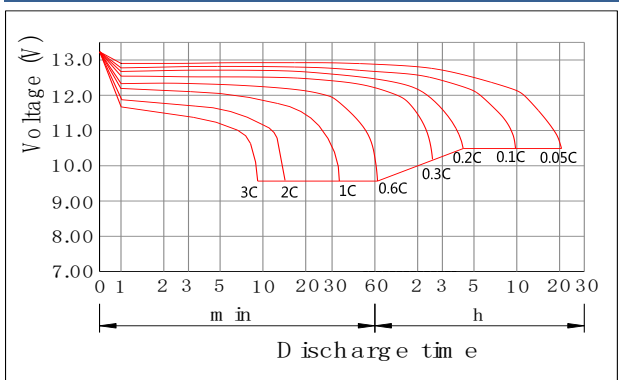
The Relationship for Charging Voltage and Temperature



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	144,23	111,91	89,85	73,93	58,40	43,66	35,54	19,86	14,58	11,51	9,62	8,28	6,71	5,75	2,96
10.80V	148,69	115,38	92,63	76,21	60,21	45,01	36,64	20,48	15,03	11,86	9,91	8,53	6,91	5,93	3,05
10.50V	155,19	120,25	95,88	78,65	61,83	46,15	37,46	20,88	15,36	12,03	10,08	8,69	7,04	6,02	3,10
10.20V	166,56	127,56	101,56	83,69	65,57	48,75	39,49	21,94	16,09	12,59	10,56	9,10	7,35	6,28	3,23
9.90V	177,94	135,69	107,25	88,56	69,31	51,35	41,52	22,99	16,90	13,16	10,97	9,51	7,65	6,54	3,37
9.60V	189,31	143,81	112,94	93,44	73,13	54,03	43,47	24,05	17,63	13,81	11,46	9,91	7,96	6,79	3,50

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	1697,62	1286,22	1007,22	818,07	628,92	482,33	396,27	230,76	175,44	141,39	121,06	104,98	85,12	72,82	37,66
10.80V	1750,13	1326,00	1038,38	843,38	648,38	497,25	408,53	237,90	180,86	145,76	124,80	108,23	87,75	75,08	38,82
10.50V	1842,75	1384,50	1082,25	877,50	672,75	511,88	421,20	244,73	185,74	149,66	127,73	110,66	89,70	77,03	39,84
10.20V	1930,50	1443,00	1121,25	911,63	697,13	531,38	433,88	251,55	191,10	153,56	131,14	113,59	91,65	78,49	40,62
9.90V	2023,13	1501,50	1165,13	945,75	721,50	546,00	446,55	258,38	195,98	157,46	134,06	116,03	93,60	79,95	41,34
9.60V	2110,88	1560,00	1209,00	975,00	745,88	565,50	459,23	265,69	200,85	160,88	136,99	118,46	95,55	81,90	42,36