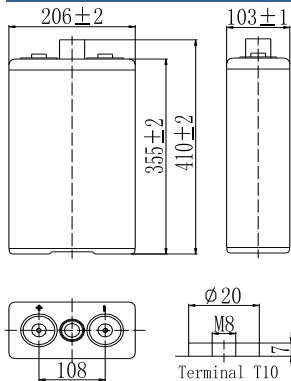


RPower 2 OPzS 100 LW (2V 100Ah OPzS Battery)

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

EAN: 4260349822343

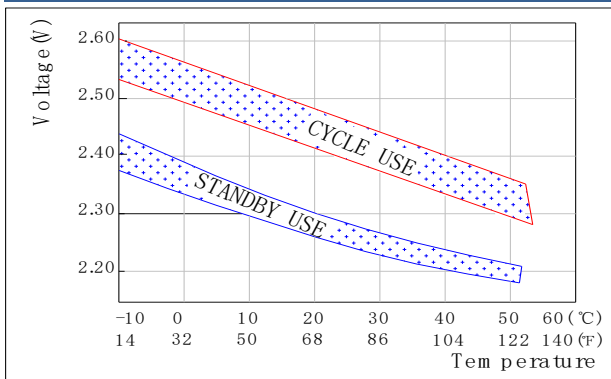
Dimensions



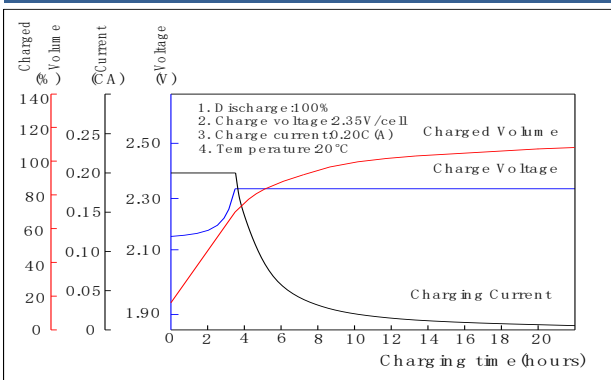
Specifications

Nominal Voltage	2V	
Capacity (10hr@25°C@1.80V/C)	100Ah	
Dimensions (±2mm)	Length	206mm (8.11inch)
	Width	103mm (4.06inch)
	Height	355mm (14.0inch)
	Total Height	410mm (16.1inch)
Approx. Weight (Wet)	13.00kg (28.66lbs)	
Maximum charging current	25A	
Maximum discharge current	200A (5sec.)	
Internal resistance	Approx. 1.35mΩ	
Capacity affected by temperature (10hr)	40°C	102%
	25°C	100%
	0°C	85%
	-15°C	65%
Self-discharge (25°C)	3 month	Remaining Capacity: 88%
	6 month	Remaining Capacity: 76%
	12 month	Remaining Capacity: 55%
Nominal operating temperature	25°C ±3°C (77°F±5°F)	
Operating temperature range	-20°C~50°C (-4°F~122°F)	
Float charging voltage (25°C)	2.20 to 2.25V	
Cyclic charging voltage (25°C)	2.35 to 2.40V	
Terminal material	Copper	

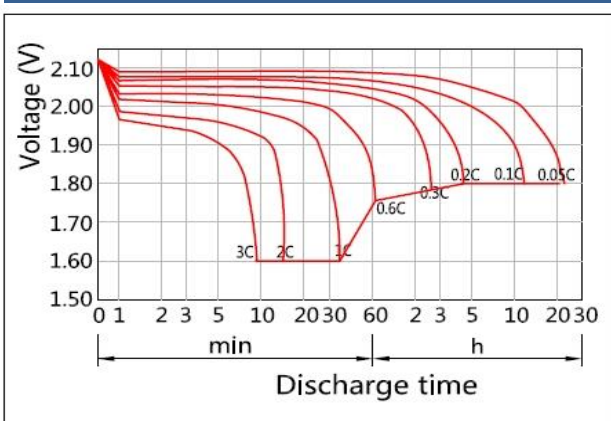
The Relationship for Charging Voltage and Temperature



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
1.83V	96,22	92,27	73,42	65,94	51,87	44,13	37,65	28,45	22,85	19,73	17,20	14,95	11,79	9,87	5,33
1.80V	104,16	98,28	76,80	68,97	58,55	49,82	42,11	31,15	24,85	21,46	18,11	15,39	12,02	10,00	5,40
1.75V	110,36	104,13	76,98	69,13	64,47	54,86	47,83	34,66	26,30	22,40	18,40	16,00	12,20	10,07	5,44
1.70V	115,32	108,81	81,08	72,82	67,25	57,22	50,82	35,40	27,67	22,56	18,53	16,11	12,29	10,16	5,49
1.65V	120,28	113,49	85,37	76,67	71,64	60,96	51,71	35,72	28,05	22,87	18,79	16,34	12,46	10,17	5,49
1.60V	124,00	117,00	89,30	80,20	73,10	62,20	52,50	35,93	28,22	23,01	18,90	16,43	12,53	10,18	5,50

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
1.83V	168,39	166,08	134,36	120,67	93,25	79,35	69,16	53,83	44,20	37,61	33,89	29,44	23,11	19,64	10,66
1.80V	182,28	176,90	140,54	126,22	105,28	89,58	77,35	58,94	47,57	40,90	35,67	30,32	23,55	19,90	10,80
1.75V	193,13	187,43	140,87	126,51	115,92	98,64	87,86	63,49	50,60	42,69	36,25	31,26	24,08	20,04	10,88
1.70V	201,81	195,86	148,38	133,26	120,92	102,89	93,36	66,98	53,51	42,99	36,50	31,74	24,39	20,22	10,97
1.65V	210,49	204,28	156,23	140,31	133,96	113,99	98,25	68,94	54,99	44,83	37,01	32,19	24,67	20,24	10,98
1.60V	217,00	210,60	163,42	146,77	136,70	116,31	99,75	69,35	55,31	45,10	37,23	32,38	24,81	20,26	10,99