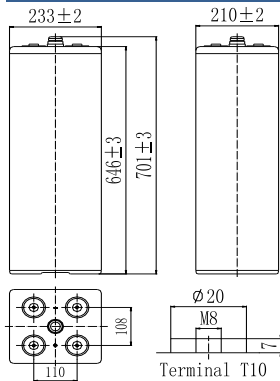


RPower 10 OPzS 1000 LW (2V 1.000Ah OPzS Battery)

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

EAN: 4260349822442

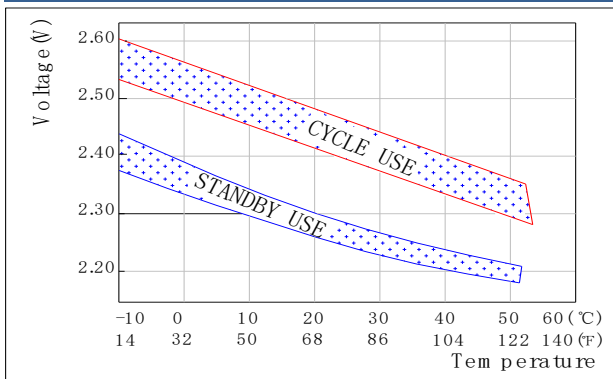
Dimensions



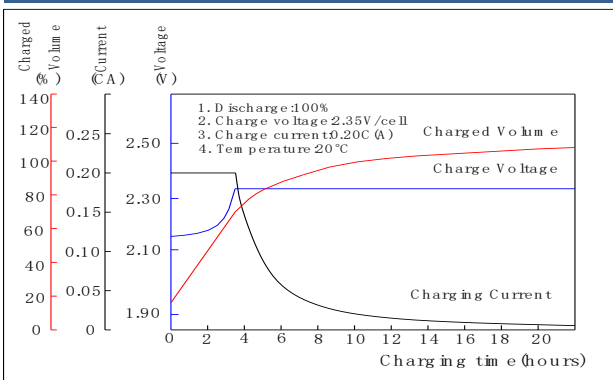
Specifications

Nominal Voltage	2V	
Capacity (10hr@25°C@1.80V/C)	1.000Ah	
Dimensions (±2mm)	Length	233mm (9.17inch)
	Width	210mm (8.27inch)
	Height	646mm (25.4inch)
	Total Height	701mm (27.6inch)
Approx. Weight (Wet)	72.00kg (158.7lbs)	
Maximum charging current	250A	
Maximum discharge current	2.000A (5sec.)	
Internal resistance	Approx. 0.26mΩ	
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	

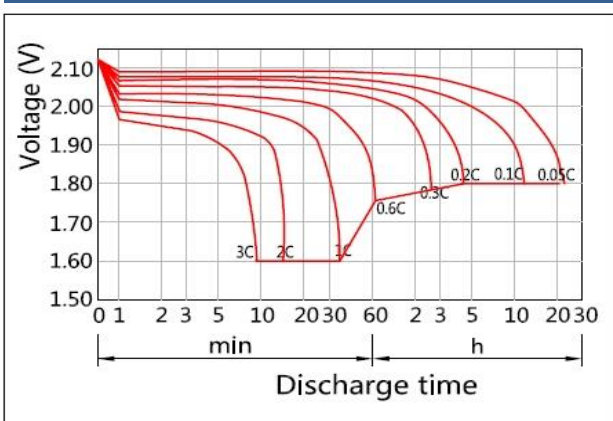
The Relationship for Charging Voltage and Temperature



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	962,24	922,67	734,19	659,37	518,66	441,32	376,47	284,53	228,55	197,34	172,04	149,46	117,89	98,70	53,30
1.80V	1041,60	982,80	767,98	689,72	585,53	498,22	421,05	311,52	248,54	214,59	181,06	153,92	120,17	100,00	54,00
1.75V	1103,60	1041,30	769,77	691,32	644,74	548,60	478,28	346,57	263,00	224,00	184,00	160,00	122,00	100,70	54,38
1.70V	1153,20	1088,10	810,84	728,22	672,52	572,24	508,20	354,00	276,68	225,57	185,29	161,12	122,85	101,60	54,86
1.65V	1202,80	1134,90	853,71	766,71	716,38	609,56	517,13	357,19	280,55	228,73	187,88	163,38	124,57	101,70	54,92
1.60V	1240,00	1170,00	893,00	802,00	731,00	622,00	525,00	359,31	282,21	230,08	188,99	164,34	125,31	101,80	54,97

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	1683,92	1660,81	1343,57	1206,65	932,55	793,50	691,57	538,33	442,01	376,14	338,92	294,43	231,06	196,41	106,60
1.80V	1822,80	1769,04	1405,40	1262,19	1052,78	895,80	773,47	589,40	475,70	409,01	356,68	303,22	235,53	199,00	108,00
1.75V	1931,30	1874,34	1408,67	1265,12	1159,25	986,39	878,59	634,91	506,01	426,94	362,48	312,64	240,79	200,39	108,76
1.70V	2018,10	1958,58	1483,84	1332,64	1209,19	1028,89	933,56	669,77	535,09	429,93	365,02	317,41	243,88	202,18	109,73
1.65V	2104,90	2042,82	1562,29	1403,08	1339,63	1139,88	982,54	689,37	549,88	448,30	370,13	321,85	246,66	202,38	109,84
1.60V	2170,00	2106,00	1634,19	1467,66	1366,97	1163,14	997,50	693,47	553,13	450,96	372,32	323,75	248,12	202,58	109,94