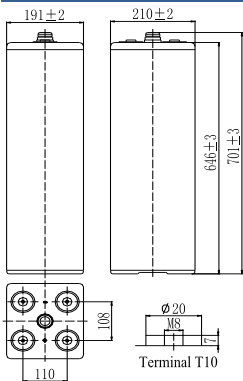


RPower 8 OPzS 800 LW (2V 800Ah OPzS Battery)

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

EAN: 4260349822435

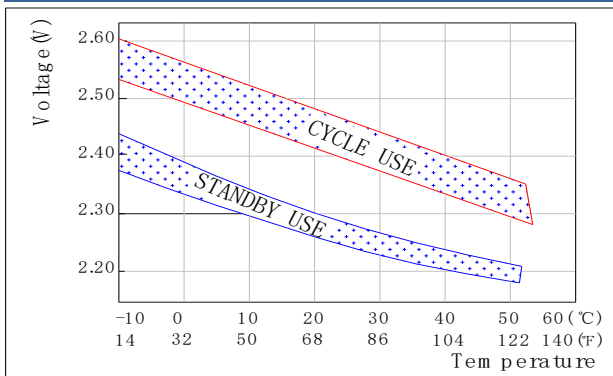
Dimensions



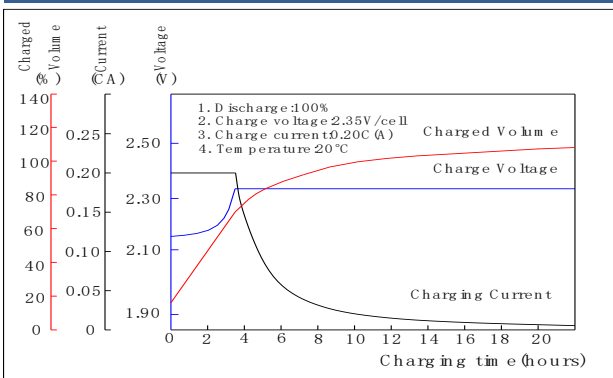
Specifications

Nominal Voltage		2V
Capacity (10hr@25°C@1.80V/C)		800Ah
Dimensions (±2mm)	Length	210mm (8.27inch)
	Width	191mm (7.52inch)
	Height	646mm (25.4inch)
	Total Height	701mm (27.6inch)
Approx. Weight (Wet)		60.00kg (132.3lbs)
Maximum charging current		200A
Maximum discharge current		1.600A (5sec.)
Internal resistance		Approx. 0.30mΩ
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

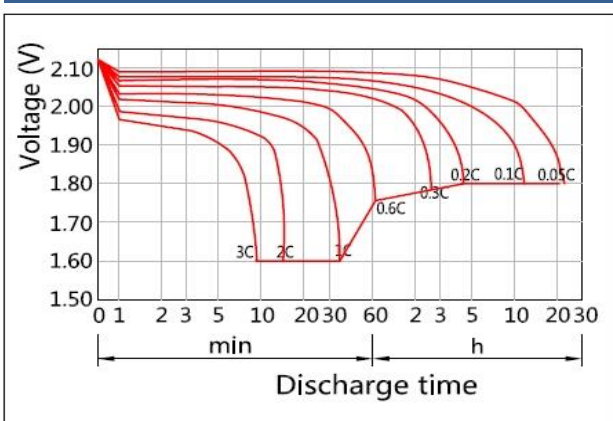
The Relationship for Charging Voltage and Temperature



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	769,79	738,14	587,35	527,50	414,93	353,06	301,17	227,62	182,84	157,88	137,63	119,57	94,31	78,96	42,64
1.80V	833,28	786,24	614,38	551,78	468,42	398,58	336,84	249,22	198,83	171,67	144,84	123,14	96,14	80,00	43,20
1.75V	882,88	833,04	615,81	553,06	515,79	438,88	382,62	277,25	210,40	179,20	147,20	128,00	97,60	80,56	43,50
1.70V	922,56	870,48	648,68	582,57	538,02	457,79	406,56	283,20	221,34	180,45	148,23	128,90	98,28	81,28	43,89
1.65V	962,24	907,92	682,97	613,37	573,10	487,65	413,70	285,75	224,44	182,98	150,31	130,70	99,66	81,36	43,93
1.60V	992,00	936,00	714,40	641,60	584,80	497,60	420,00	287,45	225,77	184,06	151,20	131,47	100,25	81,44	43,98

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	1347,14	1328,65	1074,85	965,32	746,04	634,80	553,26	430,67	353,61	300,91	271,14	235,54	184,85	157,13	85,28
1.80V	1458,24	1415,23	1124,32	1009,75	842,23	716,64	618,78	471,52	380,56	327,21	285,34	242,58	188,43	159,20	86,40
1.75V	1545,04	1499,47	1126,94	1012,10	927,40	789,11	702,87	507,93	404,81	341,56	289,98	250,11	192,64	160,31	87,00
1.70V	1614,48	1566,86	1187,08	1066,11	967,35	823,11	746,85	535,81	428,07	343,95	292,01	253,93	195,10	161,75	87,78
1.65V	1683,92	1634,26	1249,83	1122,47	1071,70	911,90	786,03	551,50	439,90	358,64	296,10	257,48	197,33	161,91	87,87
1.60V	1736,00	1684,80	1307,35	1174,13	1093,58	930,51	798,00	554,77	442,50	360,76	297,85	259,00	198,49	162,07	87,96