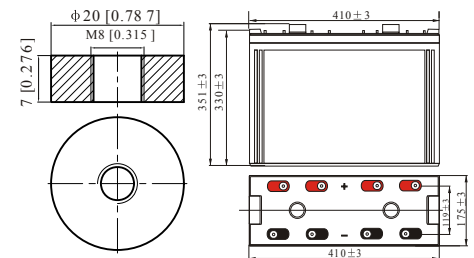


Specification

Nominal Voltage	2V	
Nominal Capacity(10hrs rate)	900.0AH	
Dimension	Length	410± 3mm(16.14 inches)
	Width	175± 3mm(6.89 inches)
	Container Height	330±3mm(12.99 inches)
	Total Height (with Terminal)	351±3mm(13.82 inches)
Approx Weight	Approx 64.Kg (141.1lbs)	
Design Float Life	20 years at 25°C(77°F)	
Container Material	ABS	
Rated Capacity	963.0AH/48.2A	(20hr, 1.80V/cell, 25°C/77°F)
	900.0AH/90.0A	(10hr, 1.80V/cell, 25°C/77°F)
	783.0AH/156.6A	(5hr, 1.75V/cell, 25°C/77°F)
	702.0AH/234.0A	(3hr, 1.75V/cell, 25°C/77°F)
	558.0AH/558.0A	(1hr, 1.60V/cell, 25°C/77°F)
Max. Discharge Current	7200A (5s)	
Internal Resistance	Approx 0.48mΩ	
Operating Temp.Range	Discharge :	-15~50°C (5~120°F)
	Charge :	0~40°C (5~104°F)
	Storage :	-15~40°C (5~104°F)
Nominal Operating Temp. Range	25 ± 3°C (77 ± 5°F)	
Cycle Use	Initial Charging Current less than 270.0A.Voltage	
	2.4V~2.5V at 25°C(77°F)Temp. Coefficient -5mV/°C	
Standby Use	No limit on Initial Charging Current Voltage	
	2.25V~2.3V at 25°C(77°F)Temp. Coefficient -3mV/°C	
Capacity affected by Temperature	40°C (104°F)	103%
	25°C (77°F)	100%
	0°C (32°F)	86%
Self Discharge	≤1.5% per month	
	RUZET TPA series batteries may be stored for up to 6 months at 25°C(77°F) and then a freshening charge is required.	



Applications

- UPS and EPS
- Emergency light
- Railway signal and aircraft signal system
- Marine and power stations Alarm and security system
- Electronic apparatus and equipment
- Communication power supply, DC power supply

Constant Current Discharge (Amperes) at 25°C (77°F)

F.V/Time	10 min	15 min	20 min	30 min	45 min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	1053.0	885.6	785.7	651.6	502.8	430.2	278.6	209.4	171.6	144.3	126.5	101.5	87.2	46.5
1.80V/cell	1204.9	994.5	868.7	707.7	542.4	454.1	299.4	225.0	182.4	153.0	134.0	106.8	90.0	48.2
1.75V/cell	1368.5	1120.8	960.0	769.1	591.6	495.0	311.4	234.0	188.7	156.6	138.2	110.3	92.4	49.4
1.70V/cell	1545.6	1243.5	1059.6	839.6	637.2	523.8	328.1	246.3	197.1	165.6	144.8	115.0	96.0	50.6
1.65V/cell	1659.8	1331.4	1127.3	886.1	674.4	541.8	340.1	256.2	204.9	170.8	149.9	118.9	98.7	52.2
1.60V/cell	1825.9	1458.2	1224.6	945.5	700.8	558.0	348.8	262.8	209.4	175.0	153.0	120.9	100.7	53.0

Constant Power Discharge (Watts) at 25°C (77°F)

F.V/Time	10 min	15 min	20 min	30 min	45 min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	1966.2	1670.2	1496.8	1255.0	976.5	838.4	546.5	412.4	338.9	285.9	251.1	202.4	174.3	93.1
1.80V/cell	2223.6	1850.6	1630.8	1342.4	1045.3	880.3	583.6	440.6	358.3	301.6	265.0	212.3	179.6	96.2
1.75V/cell	2485.4	2060.4	1785.1	1446.8	1129.4	955.3	604.7	456.4	369.4	307.7	272.5	218.9	184.2	98.5
1.70V/cell	2744.1	2254.5	1955.8	1571.0	1212.0	1007.6	635.7	479.5	385.2	324.8	285.1	227.9	191.2	101.0
1.65V/cell	2920.2	2395.5	2065.2	1644.4	1271.2	1034.8	655.3	496.7	398.9	333.9	294.2	235.0	196.2	104.0
1.60V/cell	3140.1	2580.8	2219.4	1742.5	1314.0	1060.2	668.7	507.2	406.5	340.9	299.4	238.6	200.0	105.5