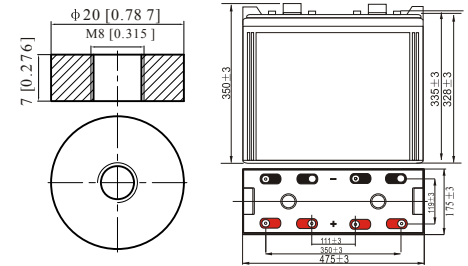


### Specification

Nominal Voltage	2V	
Nominal Capacity(10hrs rate)	1200.0AH	
Dimension	Length	475± 3mm(18.70 inches)
	Width	175± 3mm(6.89 inches)
	Container Height	328 ±3mm(12.91 inches)
	Total Height (with Terminal)	350 ±3mm(13.78 inches)
Approx Weight	Approx 73.3Kg (161.6lbs)	
Design Float Life	20 years at 25°C(77°F)	
Container Material	ABS	
Rated Capacity	1284.0AH/64.2A	(20hr, 1.80V/cell, 25°C/77°F)
	1200.0AH/120.0A	(10hr, 1.80V/cell, 25°C/77°F)
	1044AH/208.8A	( 5hr, 1.75V/cell, 25°C/77°F)
	936.0AH/312.0A	( 3hr, 1.75V/cell, 25°C/77°F)
	744.0AH/744.0A	( 1hr, 1.60V/cell, 25°C/77°F)
Max. Discharge Current	9600A (5s)	
Internal Resistance	Approx 0.40mΩ	
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 360.0A.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	1404.0	1180.8	1047.6	868.8	670.4	573.6	371.4	279.2	228.8	192.5	168.6	135.3	116.3	62.0
1.80V/cell	1606.5	1326.0	1158.2	943.6	723.2	605.5	399.2	300.0	243.2	204.0	178.7	142.4	120.0	64.2
1.75V/cell	1824.6	1494.4	1280.0	1025.4	788.8	660.0	415.2	312.0	251.6	208.8	184.2	147.1	123.2	65.8
1.70V/cell	\	1658.0	1412.9	1119.5	849.6	698.4	437.4	328.4	262.8	220.8	193.1	153.3	128.0	67.5
1.65V/cell	\	1775.2	1503.1	1181.4	899.2	722.4	453.5	341.6	273.2	227.8	199.8	158.5	131.5	69.6
1.60V/cell	\	\	1632.9	1260.6	934.4	744.0	465.0	350.4	279.2	233.3	204.0	161.3	134.3	70.7

### 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	2621.5	2227.0	1995.7	1673.3	1302.1	1117.9	728.7	549.9	451.8	381.2	334.8	269.8	232.4	124.1
1.80V/cell	2964.8	2467.5	2174.3	1789.9	1393.8	1173.8	778.1	587.5	477.7	402.1	353.4	283.1	239.5	128.3
1.75V/cell	3313.9	2747.2	2380.2	1929.1	1505.8	1273.7	806.2	608.6	492.5	410.2	363.3	291.9	245.7	131.4
1.70V/cell	\	3006.0	2607.7	2094.6	1615.9	1343.5	847.6	639.4	513.6	433.1	380.2	303.9	254.9	134.6
1.65V/cell	\	3194.0	2753.7	2192.5	1695.0	1379.8	873.7	662.3	531.9	445.2	392.2	313.4	261.6	138.6
1.60V/cell	\	\	2959.2	2323.4	1752.0	1413.6	891.6	676.3	542.0	454.5	399.2	318.1	266.7	140.7