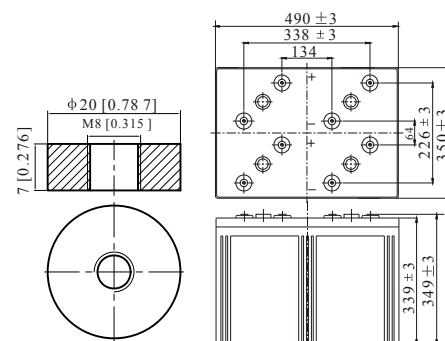


Specification

Nominal Voltage	2V	
Nominal Capacity(10hrs rate)	2000.0AH	
Dimension	Length	490 ± 3mm(19.29 inches)
	Width	350 ± 3mm(13.78 inches)
	Container Height	339 ± 3mm(13.35 inches)
	Total Height (with Terminal)	349 ± 3mm(13.74 inches)
Approx Weight	Approx 143.0Kg (315.3lbs)	
Design Float Life	20 years at 25°C(77°F)	
Container Material	ABS	
Rated Capacity	2140.0AH/107.0A	(20hr, 1.80V/cell, 25°C/77°F)
	2000.0AH/200.0A	(10hr, 1.80V/cell, 25°C/77°F)
	1740.0AH/348.0A	(5hr, 1.75V/cell, 25°C/77°F)
	1560.0AH/520.0A	(3hr, 1.75V/cell, 25°C/77°F)
	1240.0AH/1240.0A	(1hr, 1.60V/cell, 25°C/77°F)
Max. Discharge Current	16000A (5s)	
Internal Resistance	Approx 0.28mΩ	
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 600.0A.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	40°C (104°F)	103%
Temperature	25°C (77°F)	100%
	0°C (32°F)	86%
	≤1.5% per month	
Self Discharge	RUZET TPG 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	2340.0	1968.0	1746.0	1448.0	1117.3	956.0	619.0	465.4	381.3	320.8	281.0	225.5	193.8	103.4
1.80V/cell	2677.5	2209.9	1930.4	1572.7	1205.3	1009.1	665.4	500.0	405.3	340.0	297.8	237.3	200.0	107.0
1.75V/cell	3041.1	2490.7	2133.3	1709.0	1314.7	1100.0	692.0	520.0	419.3	348.0	307.1	245.2	205.4	109.7
1.70V/cell	3434.6	2763.4	2354.8	1865.9	1416.0	1164.0	729.0	547.3	438.0	368.0	321.8	255.5	213.3	112.5
1.65V/cell	3688.4	2958.7	2505.1	1969.0	1498.7	1204.0	755.8	569.3	455.3	379.6	333.0	264.2	219.2	116.0
1.60V/cell	\	3240.5	2721.4	2101.1	1557.3	1240.0	775.0	584.0	465.4	388.8	340.0	268.8	223.8	117.9

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	4161.14	3534.86	3167.71	2656.00	2066.76	1774.38	1156.67	872.86	717.24	605.05	531.52	428.29	368.95	197.05
1.80V/cell	4706.00	3916.67	3451.33	2841.14	2212.29	1863.14	1235.14	932.48	758.29	638.29	560.95	449.33	380.19	203.62
1.75V/cell	5260.19	4360.67	3778.00	3062.10	2390.19	2021.71	1279.71	966.00	781.81	651.14	576.67	463.33	389.90	208.48
1.70V/cell	5807.71	4771.43	4139.24	3324.86	2564.95	2132.57	1345.43	1014.95	815.24	687.43	603.43	482.38	404.67	213.71
1.65V/cell	6180.29	5069.81	4370.86	3480.19	2690.48	2190.10	1386.76	1051.24	844.29	706.67	622.57	497.43	415.33	220.10
1.60V/cell	\	5462.00	4697.14	3687.90	2780.95	2243.81	1415.24	1073.43	860.29	721.43	633.71	504.95	423.33	223.33