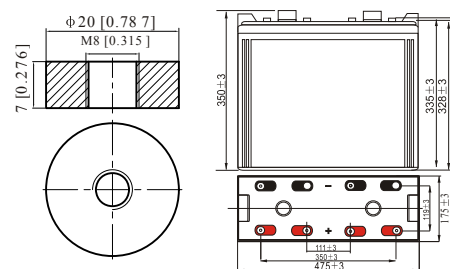


Specification

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	40°C (104°F)	103%
Temperature	25°C (77°F)	100%
	0°C (32°F)	86%
Self Discharge	≤1.5% per month	
	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	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	2496.67	2120.95	1900.67	1593.62	1240.10	1064.67	694.00	523.71	430.29	363.05	318.86	256.95	221.33	118.19
1.80V/cell	2823.62	2350.00	2070.76	1704.67	1327.43	1117.90	741.05	559.52	454.95	382.95	336.57	269.62	228.10	122.19
1.75V/cell	3156.10	2616.38	2266.86	1837.24	1434.10	1213.05	767.81	579.62	469.05	390.67	346.00	278.00	234.00	125.14
1.70V/cell	\	2862.86	2483.52	1994.86	1538.95	1279.52	807.24	608.95	489.14	412.48	362.10	289.43	242.76	128.19
1.65V/cell	\	3041.90	2622.57	2088.10	1614.29	1314.10	832.10	630.76	506.57	424.00	373.52	298.48	249.14	132.00
1.60V/cell	\	\	2818.29	2212.76	1668.57	1346.29	849.14	644.10	516.19	432.86	380.19	302.95	254.00	134.00