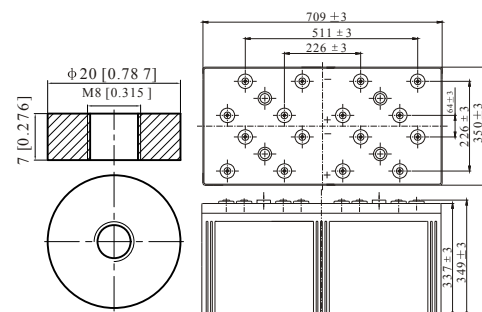


Specification

Nomial Voltage	2V	
Nominal Capacity(10hrs rate)	3000.0AH	
Dimension	Length	709 ± 3mm(27.91 inches)
	Width	350 ± 3mm(13.78 inches)
	Container Height	337 ± 3mm(13.27 inches)
	Total Height (with Terminal)	349 ± 3mm(13.74 inches)
Approx Weight	Approx 213.9Kg (471.6lbs)	
Design Float Life	20 years at 25°C(77°F)	
Container Material	ABS	
Rated Capacity	3210.0AH/160.5A	(20hr, 1.80V/cell, 25°C/77°F)
	3000.0AH/300.0A	(10hr, 1.80V/cell, 25°C/77°F)
	2610.0AH/522.0A	(5hr, 1.75V/cell, 25°C/77°F)
	2340.0AH/780.0A	(3hr, 1.75V/cell, 25°C/77°F)
	1860.0AH/1860.0A	(1hr, 1.60V/cell, 25°C/77°F)
Max. Discharge Current	24000A (5s)	
Internal Resistance	Approx 0.20mΩ	
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 900.0A.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	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	3510.0	2952.0	2619.0	2172.0	1676.0	1434.0	928.5	698.1	571.9	481.1	421.5	338.2	290.7	155.1
1.80V/cell	\	3314.9	2895.6	2359.1	1808.0	1513.7	998.1	750.0	607.9	510.0	446.7	355.9	300.0	160.5
1.75V/cell	\	3736.1	3200.0	2563.5	1972.0	1650.0	1038.0	780.0	628.9	522.0	460.6	367.8	308.1	164.6
1.70V/cell	\	\	3532.2	2798.8	2124.0	1746.0	1093.5	821.0	657.0	552.0	482.7	383.3	319.9	168.8
1.65V/cell	\	\	3757.7	2953.6	2248.0	1806.0	1133.7	854.0	683.0	569.4	499.5	396.3	328.9	174.0
1.60V/cell	\	\	\	3151.6	2336.0	1860.0	1162.5	876.0	698.1	583.3	510.0	403.1	335.8	176.8

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

F.V/Time	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	6241.81	5302.38	4751.62	3984.10	3100.10	2661.62	1734.95	1309.33	1075.81	907.52	797.24	642.38	553.43	295.62
1.80V/cell	\	5874.95	5177.05	4261.62	3318.48	2794.67	1852.67	1398.76	1137.43	957.52	841.43	674.00	570.29	305.43
1.75V/cell	\	6541.05	5667.05	4593.14	3585.24	3032.57	1919.62	1449.05	1172.67	976.67	865.05	694.95	584.86	312.76
1.70V/cell	\	\	6208.86	4987.24	3847.43	3198.86	2018.10	1522.38	1222.86	1031.14	905.14	723.52	606.95	320.57
1.65V/cell	\	\	6556.29	5220.19	4035.71	3285.24	2080.19	1576.76	1266.38	1060.10	933.81	746.10	622.95	330.10
1.60V/cell	\	\	\	5531.81	4171.43	3365.71	2122.86	1610.19	1290.48	1082.19	950.57	757.52	634.95	334.95