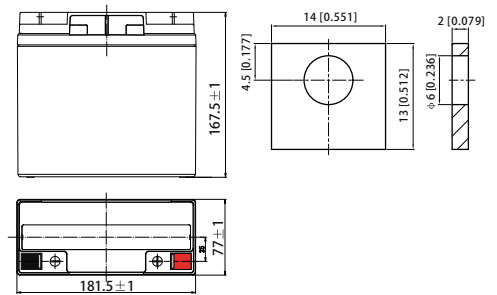


Specification

Nominal Voltage	12V	
Nominal Capacity(10hrs rate)	22.0AH	
Dimension	Length	181.5 ± 1mm(7.14inches)
	Width	77 ± 1mm(3.03inches)
	Container Height	167.5 ± 1mm(6.59 inches)
	Total Height (with Terminal)	167.5 ± 1mm(6.59 inches)
Approx Weight	Approx 5.78 Kg (12.74 lbs)	
Design Float Life	12 years at 25°C(77°F)	
Container Material	ABS	
Rated Capacity	24.0AH/1.20A	(20hr, 1.80V/cell, 25°C/77°F)
	22.0AH/2.2A	(10hr, 1.80V/cell, 25°C/77°F)
	20.4AH/4.08A	(5hr, 1.75V/cell, 25°C/77°F)
	18.36AH/6.12A	(3hr, 1.75V/cell, 25°C/77°F)
	15.1AH/15.1A	(1hr, 1.60V/cell, 25°C/77°F)
Max. Discharge Current	300A (5s)	
Internal Resistance	Approx 15mΩ	
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 6.0A. Voltage	
	14.4V~15.0V at 25°C(77°F)Temp. Coefficient -30mV/°C	
Standby Use	No limit on Initial Charging Current Voltage	
	13.5V~13.8V at 25°C(77°F)Temp. Coefficient -20mV/°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 LPG series batteries may be stored for up to 6 months at 25°C(77°F) and then a freshening charge is required.	



■ Terminal
Unit: mm [inches]



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	5min	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	45.7	35.0	29.0	25.1	19.4	14.3	12.1	7.14	5.58	4.53	3.71	3.22	2.59	2.16	1.18
1.80V/cell	61.3	44.9	35.2	29.8	22.9	16.7	13.6	7.79	6.01	4.85	3.97	3.44	2.74	2.20	1.20
1.75V/cell	69.1	49.3	38.4	31.9	23.8	17.3	14.2	8.08	6.12	4.96	4.08	3.54	2.79	2.29	1.21
1.70V/cell	76.2	53.8	40.9	33.6	24.8	18.0	14.6	8.28	6.29	5.09	4.19	3.61	2.83	2.34	1.24
1.65V/cell	84.0	58.0	43.6	35.6	26.2	18.5	14.8	8.40	6.56	5.27	4.29	3.70	2.88	2.39	1.25
1.60V/cell	92.6	62.9	46.6	38.0	27.6	19.2	15.1	8.76	6.76	5.42	4.44	3.77	2.90	2.41	1.26

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

F.V/Time	5min	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	66.29	51.43	43.05	37.62	29.43	21.81	18.48	11.05	8.64	7.05	5.76	5.01	4.06	3.40	1.87
1.80V/cell	88.10	64.95	51.33	43.81	34.19	25.24	20.57	11.90	9.25	7.49	6.15	5.35	4.30	3.50	1.89
1.75V/cell	97.14	70.29	55.33	46.67	35.14	25.90	21.43	12.29	9.38	7.62	6.30	5.49	4.36	3.59	1.90
1.70V/cell	104.10	74.86	58.29	48.67	36.38	26.86	22.00	12.57	9.62	7.81	6.45	5.59	4.42	3.66	1.93
1.65V/cell	113.14	80.00	61.52	51.33	38.10	27.24	22.38	12.67	10.00	8.05	6.60	5.70	4.48	3.72	1.95
1.60V/cell	121.90	84.86	64.67	54.10	39.90	28.29	22.48	13.24	10.29	8.28	6.79	5.80	4.50	3.76	1.96