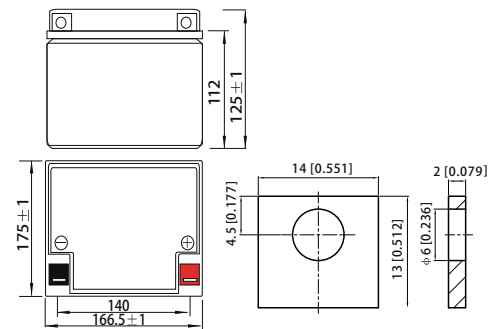


Specification

Nominal Voltage	12V	
Nominal Capacity(10hrs rate)	33.0AH	
Dimension	Length	166.5 ±1mm(6.56 inches)
	Width	175± 1mm(6.89 inches)
	Container Height	125± 1mm(4.92 inches)
	Total Height (with Terminal)	125± 1mm(4.92 inches)
Approx Weight	Approx 8.8 Kg (19.4 lbs)	
Design Float Life	12 years at 25°C(77°F)	
Container Material	ABS	
Rated Capacity	36AH/1.8A	(20hr, 1.80V/cell, 25°C/77°F)
	33.0AH/3.3A	(10hr, 1.80V/cell, 25°C/77°F)
	25.5AH/5.10A	(5hr, 1.75V/cell, 25°C/77°F)
	22.9AH/7.65A	(3hr, 1.75V/cell, 25°C/77°F)
	18.8AH/18.84A	(1hr, 1.60V/cell, 25°C/77°F)
Max. Discharge Current	450A (5s)	
Internal Resistance	Approx 13mΩ	
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 22.5A. 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	57.1	43.9	36.3	31.4	24.3	17.90	15.1	8.92	6.98	5.68	4.63	4.02	3.24	3.24	1.79
1.80V/cell	76.7	56.1	43.9	37.1	28.7	20.8	16.9	9.74	7.51	6.06	4.97	4.31	3.44	3.30	1.80
1.75V/cell	86.5	61.6	48.0	40.0	29.8	21.6	17.7	10.1	7.65	6.20	5.10	4.43	3.50	3.44	1.82
1.70V/cell	95.2	67.1	51.2	42.0	31.0	22.5	18.2	10.4	7.86	6.36	5.23	4.52	3.54	3.50	1.84
1.65V/cell	105.0	72.5	54.4	44.6	32.7	23.0	18.7	10.5	8.20	6.58	5.37	4.62	3.60	3.58	1.87
1.60V/cell	115.8	78.7	58.2	47.5	34.5	24.0	18.8	11.0	8.45	6.79	5.55	4.72	3.63	3.62	1.88

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	99.5	77.1	64.6	56.4	44.1	32.8	27.7	16.5	13.0	10.6	8.65	7.52	6.09	5.10	2.80
1.80V/cell	132.1	97.4	77.0	65.7	51.2	37.8	30.9	17.9	13.9	11.2	9.23	8.04	6.44	5.25	2.83
1.75V/cell	145.8	105.3	83.0	70.0	52.8	38.6	32.2	18.5	14.1	11.4	9.45	8.23	6.53	5.38	2.85
1.70V/cell	156.1	112.3	87.4	73.1	54.6	40.3	33.1	18.9	14.9	11.7	9.71	8.39	6.62	5.49	2.90
1.65V/cell	169.7	120.0	92.3	77.0	57.1	40.9	33.6	19.1	15.0	12.1	9.90	8.54	6.71	5.59	2.93
1.60V/cell	182.9	127.3	97.1	81.1	60.0	42.4	33.7	19.8	15.3	12.4	10.19	8.70	6.76	5.65	2.95