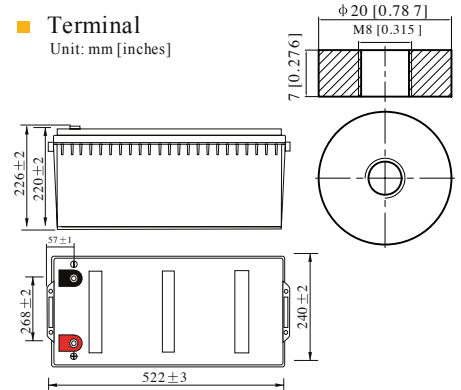


Specification

Nominal Voltage	12V	
Nominal Capacity(10hrs rate)	250.0AH	
Dimension	Length	522 ±3mm(20.55inches)
	Width	268 ±2mm(10.55 inches)
	Container Height	220 ±2mm(8.66 inches)
	Total Height (with Terminal)	226 ±2mm(8.90 inches)
	Approx Weight	Approx 78.0 Kg (172.1 lbs)
Design Float Life	12 years at 25°C(77°F)	
Container Material	ABS	
Rated Capacity	267.5AH/13.38A	(20hr, 1.80V/cell, 25°C/77°F)
	250.0AH/25.0A	(10hr, 1.80V/cell, 25°C/77°F)
	217.5AH/43.5A	(5hr, 1.75V/cell, 25°C/77°F)
	195.0AH/65.0A	(3hr, 1.75V/cell, 25°C/77°F)
	155.0AH/155.0A	(1hr, 1.60V/cell, 25°C/77°F)
Max. Discharge Current	2500A (5s)	
Internal Resistance	Approx 2.5mΩ	
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 75.0A.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.	



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	10 h	20h
1.85V/cell	292.5	246.0	218.3	181.0	139.7	119.5	77.4	58.2	47.7	40.1	35.1	28.2	24.2	12.9
1.80V/cell	334.7	276.2	241.3	196.6	150.7	126.1	83.2	62.5	50.7	42.5	37.2	29.7	25.0	13.4
1.75V/cell	380.1	311.3	266.7	213.6	164.3	137.5	86.5	65.0	52.4	43.5	38.4	30.7	25.7	13.7
1.70V/cell	429.3	345.4	294.3	233.2	177.0	145.5	91.1	68.4	54.8	46.0	40.2	31.9	26.7	14.1
1.67V/cell	461.0	369.8	313.1	246.1	187.3	150.5	94.5	71.2	56.9	47.5	41.6	33.0	27.4	14.5
1.60V/cell	\	405.1	340.2	262.6	194.7	155.0	96.9	73.0	58.2	48.6	42.5	33.6	28.0	14.7

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	520.2	441.9	396.0	332.0	258.4	221.8	144.6	109.1	89.6	75.6	66.5	53.5	46.1	24.7
1.80V/cell	588.3	489.6	431.4	355.1	276.6	232.9	154.4	116.6	94.8	79.8	70.1	56.2	47.5	25.4
1.75V/cell	657.5	545.1	472.3	382.8	298.8	252.7	160.0	120.8	97.7	81.4	72.1	57.9	48.8	26.1
1.70V/cell	726.0	596.4	517.4	415.6	320.7	266.6	168.2	126.9	101.9	85.9	75.4	60.3	50.6	26.7
1.67V/cell	772.6	633.7	546.4	435.1	336.3	273.8	173.3	131.4	105.5	88.4	77.8	62.2	51.9	27.5
1.60V/cell	\	682.8	587.1	461.0	347.6	280.5	176.9	134.2	107.52	90.2	79.2	63.1	53.0	27.9