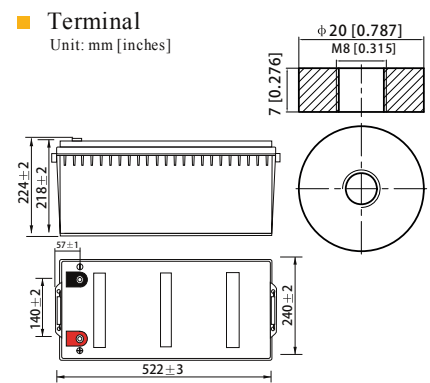


Specification

Nominal Voltage	12V		
Nominal Capacity(10hrs rate)	200.0AH		
Dimension	Length	522.5 ±3mm(20.55inches)	
	Width	240 ± 2mm(9.45 inches)	
	Container Height	218 ± 2mm(8.58 inches)	
	Total Height (with Terminal)	224 ± 2mm(8.81 inches)	
	Approx Weight	Approx 64.0 Kg (141.1 lbs)	
Design Float Life	12 years at 25°C(77°F)		
Container Material	ABS		
Rated Capacity	214.0AH/10.7A	(20hr, 1.80V/cell, 25°C/77°F)	
	200AH/20.0A	(10hr, 1.80V/cell, 25°C/77°F)	
	174.0AH/34.8A	(5hr, 1.75V/cell, 25°C/77°F)	
	156.0AH/52.0A	(3hr, 1.75V/cell, 25°C/77°F)	
	124.0AH/124.0A	(1hr, 1.60V/cell, 25°C/77°F)	
Max. Discharge Current	2000A (5s)		
Internal Resistance	Approx 2.7mΩ		
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 60.0A.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	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	234.0	196.8	174.6	144.8	111.7	95.6	61.9	46.5	38.1	32.1	28.1	22.5	19.4	10.3
1.80V/cell	267.8	221.0	193.0	157.3	120.5	100.9	66.5	50.0	40.5	34.0	29.8	23.7	20.0	10.7
1.75V/cell	304.1	249.1	213.3	170.9	131.5	110.0	69.2	52.0	41.9	34.8	30.7	24.5	20.5	11.0
1.70V/cell	343.5	276.3	235.5	186.6	141.6	116.4	72.9	54.7	43.8	36.8	32.2	25.6	21.3	11.3
1.65V/cell	368.8	295.9	250.5	196.9	149.9	120.4	75.6	56.9	45.5	38.0	33.3	26.4	21.9	11.6
1.60V/cell	405.8	324.1	272.1	210.1	155.7	124.0	77.5	58.4	46.5	38.9	34.0	26.9	22.4	11.8

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	416.1	353.5	316.8	265.6	206.7	177.4	115.6	87.3	71.7	60.5	53.1	42.9	36.9	19.7
1.80V/cell	470.6	391.6	345.1	284.1	221.2	186.3	123.5	93.2	75.8	63.8	56.1	45.0	38.0	20.4
1.75V/cell	526.0	436.1	377.8	306.2	239.1	202.2	128.0	96.6	78.2	65.1	57.7	46.3	39.0	20.9
1.70V/cell	580.8	477.1	413.9	332.5	256.5	213.2	134.6	101.5	81.5	68.8	60.4	48.2	40.5	21.3
1.65V/cell	618.0	507.0	437.1	348.0	269.1	219.1	138.7	105.1	84.4	70.7	62.3	49.7	41.5	22.0
1.60V/cell	664.6	546.2	469.7	368.8	278.1	224.4	141.5	107.3	86.0	72.2	63.3	50.5	42.3	22.3