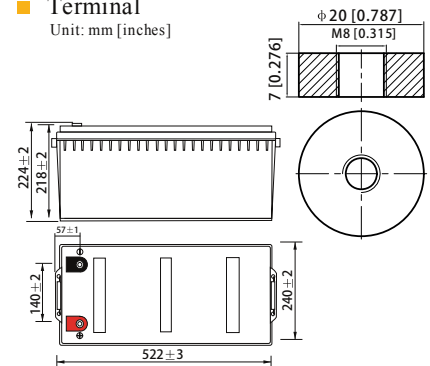


## Specification

Nominal Voltage	12V		
Nominal Capacity(10hrs rate)	180.0AH		
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 52.8 Kg (116.4 lbs)	
Design Float Life	12 years at 25°C(77°F)		
Container Material	ABS		
Rated Capacity	192.0AH/9.6A	(20hr, 1.80V/cell, 25°C/77°F)	
	180.0AH/18.0A	(10hr, 1.80V/cell, 25°C/77°F)	
	156.5AH/31.3A	( 5hr, 1.75V/cell, 25°C/77°F)	
	140.4AH/46.8A	( 3hr, 1.75V/cell, 25°C/77°F)	
Max. Discharge Current	111.6AH/111.6A	( 1hr, 1.60V/cell, 25°C/77°F)	
	1800A (5s)		
	Internal Resistance	Approx 2.9mΩ	
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 54.0A.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	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	210.6	177.1	157.1	130.3	100.5	86.0	55.7	41.9	34.3	28.9	25.3	20.3	17.4	9.3
1.80V/cell	241.0	199.0	173.7	141.6	108.5	90.8	59.9	45.0	36.5	30.6	26.8	21.3	18.0	9.6
1.75V/cell	273.7	224.2	192.0	158.8	118.4	99.0	62.3	46.8	37.7	31.3	27.6	22.1	18.6	9.9
1.70V/cell	309.2	248.7	212.0	167.9	127.4	104.8	65.6	49.2	39.4	33.1	29.0	23.0	19.2	10.2
1.65V/cell	331.9	266.3	225.5	177.2	134.9	108.4	68.0	51.2	41.0	34.2	30.0	23.8	19.7	10.4
1.60V/cell	365.2	291.7	244.9	189.1	140.1	111.6	69.8	52.6	41.9	35.0	30.6	24.2	20.2	10.6

### 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	382.8	325.2	291.4	244.4	190.1	163.2	106.4	80.4	66.0	55.6	48.9	39.4	33.9	18.1
1.80V/cell	432.9	360.3	317.5	261.4	203.5	171.4	113.6	85.8	69.7	58.7	51.6	41.4	35.0	18.8
1.75V/cell	483.9	401.2	347.6	281.7	219.9	186.0	117.8	88.9	71.9	59.9	53.1	42.6	35.8	19.2
1.70V/cell	534.3	439.0	380.8	305.9	236.0	196.2	123.8	93.4	75.0	63.3	55.6	44.3	37.2	19.6
1.65V/cell	568.6	466.4	402.1	320.2	247.5	201.5	127.6	96.7	77.6	65.0	57.3	45.7	38.2	20.2
1.60V/cell	611.4	502.5	432.1	339.3	255.9	206.4	130.2	98.8	79.1	66.4	58.3	46.4	38.9	20.5