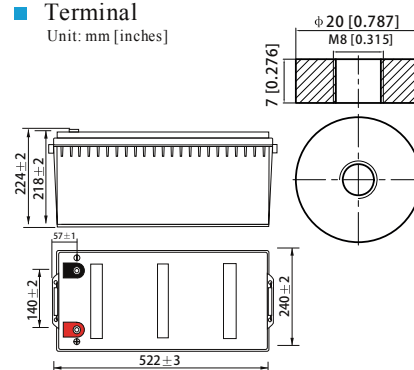


Specification

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)	
	111.6AH/111.6A	(1hr, 1.60V/cell, 25°C/77°F)	
Max. Discharge Current	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 LPA 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	402.0	341.5	306.0	256.6	199.6	171.4	111.7	84.4	69.3	58.4	51.3	41.4	35.6	19.4
1.80V/cell	454.6	378.3	333.4	274.4	213.7	180.0	119.3	90.1	73.2	61.6	54.2	43.4	36.7	19.7
1.75V/cell	508.1	421.3	365.0	295.8	230.9	195.3	123.7	93.3	75.5	62.9	55.8	44.7	37.6	20.2
1.70V/cell	561.0	460.9	400.0	321.2	247.8	206.0	130.0	98.1	78.8	66.4	58.3	46.6	39.1	20.6
1.65V/cell	597.0	490.0	422.1	336.1	259.9	211.6	134.0	101.6	81.5	68.3	60.2	48.0	40.1	21.3
1.60V/cell	642.0	527.6	453.7	356.2	268.6	216.8	136.7	103.7	83.1	69.7	61.2	48.8	40.9	21.5