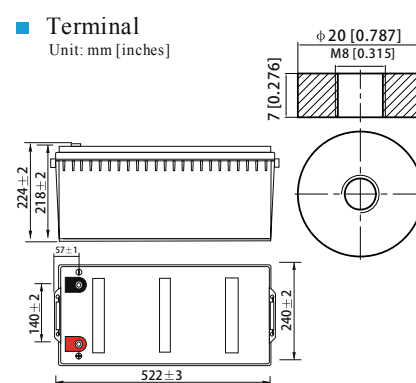


Specification

Nominal Voltage	12V		
Nominal Capacity(10hrs rate)	230.0AH		
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 66.0 Kg (145.5 lbs)		
Design Float Life	12 years at 25°C(77°F)		
Container Material	ABS		
Rated Capacity	246.1AH/12.3A	(20hr, 1.80V/cell, 25°C/77°F)	
	230AH/23.0A	(10hr, 1.80V/cell, 25°C/77°F)	
	200.0AH/40.0A	(5hr, 1.75V/cell, 25°C/77°F)	
	179.4AH/59.8A	(3hr, 1.75V/cell, 25°C/77°F)	
Max. Discharge Current	142.6AH/142.6A	(1hr, 1.60V/cell, 25°C/77°F)	
	2300A (5s)		
Internal Resistance	Approx 2.6mΩ		
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 69.0A. 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.		



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	269.1	226.3	200.8	166.5	128.5	109.9	71.2	53.5	43.8	36.9	32.3	25.9	22.3	11.8
1.80V/cell	307.9	254.2	221.9	180.9	138.6	116.0	76.5	57.5	46.6	39.1	34.3	27.3	23.0	12.3
1.75V/cell	349.7	286.5	245.3	196.5	151.2	126.5	79.6	59.8	48.2	40.0	35.3	28.2	23.6	12.7
1.70V/cell	395.0	317.7	270.8	214.6	162.8	133.9	83.8	62.9	50.4	42.3	37.0	29.4	24.5	13.0
1.65V/cell	424.1	340.3	288.1	226.4	172.4	138.5	86.9	65.4	52.3	43.7	38.3	30.4	25.2	13.3
1.60V/cell	466.6	372.7	312.9	241.6	179.1	142.6	89.1	67.2	53.5	44.7	39.1	30.9	25.8	13.6

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	517.4	439.6	393.9	330.3	257.0	220.6	143.8	108.6	89.2	75.2	66.1	53.3	45.8	24.5
1.80V/cell	585.2	487.0	429.2	353.3	275.1	231.6	153.6	115.9	94.3	79.4	69.7	55.9	47.3	25.3
1.75V/cell	654.1	542.2	469.8	380.7	297.2	251.4	159.2	120.1	97.2	81.0	71.7	57.9	48.5	25.9
1.70V/cell	722.2	593.3	514.7	413.4	318.9	265.1	167.3	126.2	101.4	85.5	75.1	60.0	50.3	26.5
1.65V/cell	768.5	630.4	543.5	432.7	334.5	272.4	172.4	130.7	104.9	87.9	77.4	61.8	51.6	27.3
1.60V/cell	/	679.2	584.1	458.5	345.8	279.0	175.9	133.5	106.9	89.7	78.8	62.8	52.6	27.7