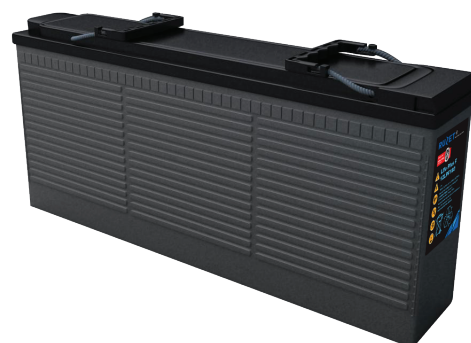


Specification

Nomial Voltage	12V	
Nomial Capacity(10hrs rate)	180.0AH	
Dimension	Length	560±2mm(22.05inches)
	Width	126±2mm(4.96 inches)
	Container Height	280±2mm(11.02 inches)
	Total Height (with Terminal)	280±2mm(11.02 inches)
Approx Weight	Approx 54.0 Kg (119.1 lbs)	
Design Float Life	12 years at 25°C(77°F)	
Container Material	ABS	
Rated Capacity	190.6AH/9.53A	(20hr, 1.80V/cell, 25°C/77°F)
	180.0AH/18.0A	(10hr, 1.80V/cell, 25°C/77°F)
	173.4AH/21.68A	(5hr, 1.75V/cell, 25°C/77°F)
	163.8AH/32.76A	(3hr, 1.75V/cell, 25°C/77°F)
	120.0AH/120.0A	(1hr, 1.60V/cell, 25°C/77°F)
Max. Discharge Current	1360A (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 25C°(77°F)Temp. Coefficient -30mV/°C	
Standby Use	No limit on Initial Charging Current Voltage 13.5V~13.8V at 25C°(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	301.6	251.4	215.7	169.2	131.2	106.7	63.6	45.8	36.8	30.4	26.5	20.6	17.2	9.12
1.80V/cell	341.0	280.2	238.8	185.2	141.2	113.9	67.1	48.7	38.7	32.0	27.8	21.7	18.0	9.53
1.75V/cell	375.2	303.2	254.8	194.6	146.6	117.9	68.4	49.5	39.7	32.8	28.3	21.9	18.2	9.68
1.70V/cell	401.4	319.4	265.1	200.3	149.9	119.5	69.3	50.0	39.9	32.9	28.6	22.3	18.4	9.75
1.65V/cell	415.3	327.3	270.6	202.8	150.5	120.0	69.6	50.3	40.2	33.3	29.0	22.5	18.6	9.80
1.60V/cell	436.6	339.9	282.7	207.9	154.5	123.1	70.8	51.3	41.1	34.2	29.5	23.1	18.9	9.85

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	563.2	474.2	411.0	325.9	254.8	207.9	124.8	90.2	72.7	60.3	52.6	41.1	34.4	18.4
1.80V/cell	631.0	521.4	448.3	351.2	272.0	220.7	130.8	95.4	76.0	63.1	55.1	43.1	35.9	19.0
1.75V/cell	681.5	557.4	473.8	366.1	279.8	227.5	132.8	96.6	77.7	64.4	55.7	43.5	36.3	19.3
1.70V/cell	712.7	579.0	489.3	374.7	285.2	229.8	134.4	97.4	78.1	64.5	56.3	44.1	36.6	19.4
1.65V/cell	734.6	591.0	497.4	378.7	285.3	230.3	134.6	97.7	78.6	65.2	56.8	44.6	36.9	19.5
1.60V/cell	750.9	601.5	512.3	383.2	289.6	233.9	135.7	99.1	79.8	66.6	57.7	45.5	37.5	19.6