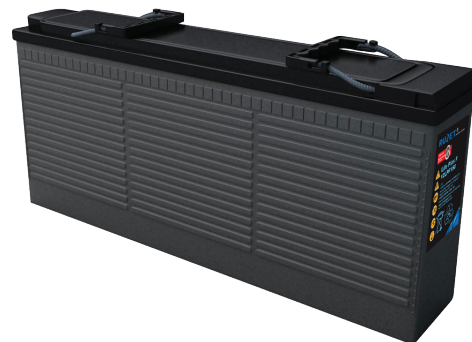


Specification

Nomial Voltage	12V	
Nomial Capacity(10hrs rate)	150.0AH	
Dimension	Length	511 ± 3mm(21.69 inches)
	Width	110 ± 2mm(4.33 inches)
	Container Height	287 ± 2mm(11.3 inches)
	Total Height (with Terminal)	287 ± 2mm(11.3 inches)
Approx Weight	Approx 48.2 Kg (106.3 lbs)	
Design Float Life	12 years at 25°C(77°F)	
Container Material	ABS	
Rated Capacity	165.0AH/8.25A	(20hr, 1.80V/cell, 25°C/77°F)
	155.7AH/15.6A	(10hr, 1.80V/cell, 25°C/77°F)
	150.5AH/18.75A	(5hr, 1.75V/cell, 25°C/77°F)
	141.7AH/28.34A	(3hr, 1.75V/cell, 25°C/77°F)
	103.8AH/103.8A	(1hr, 1.60V/cell, 25°C/77°F)
Max. Discharge Current	1200A (5s)	
Internal Resistance	Approx 5.9mΩ	
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 45.0A.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	10 min	15 min	20 min	30 min	45 min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	260.9	217.5	186.6	146.4	113.5	92.3	55.0	39.6	31.8	26.3	22.9	17.9	14.9	7.89
1.80V/cell	295.8	242.4	206.6	160.2	122.1	98.5	58.0	42.2	33.5	27.7	24.1	18.8	15.6	8.25
1.75V/cell	324.6	262.3	220.4	168.3	126.8	102.0	59.2	42.8	34.3	28.3	24.5	19.0	15.8	8.37
1.70V/cell	347.2	276.3	229.3	173.2	129.7	103.4	60.0	43.3	34.5	28.5	24.8	19.3	15.9	8.43
1.65V/cell	259.3	283.1	234.1	175.4	130.2	103.8	60.2	43.5	34.8	28.8	25.1	19.5	16.1	8.48
1.60V/cell	377.7	294.0	244.5	179.9	122.6	106.5	61.2	44.4	35.6	29.6	25.5	20.0	16.4	8.52

Constant Power Discharge (Watts) at 25°C (77°F)

F.V/Time	10 min	15 min	20 min	30 min	45 min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	487.1	410.2	355.5	281.9	220.4	179.8	108.0	78.0	62.8	52.2	45.5	35.6	29.8	15.8
1.80V/cell	545.8	451.0	387.8	303.8	235.3	190.9	113.1	82.6	65.8	54.6	47.6	37.3	31.1	16.5
1.75V/cell	589.5	482.2	409.9	316.6	242.0	196.8	114.9	83.5	67.2	55.7	48.2	37.6	31.4	16.7
1.70V/cell	616.5	500.9	423.2	324.1	246.7	198.8	116.2	84.2	67.5	55.8	48.7	38.1	31.7	16.8
1.65V/cell	635.4	551.2	430.2	327.6	246.8	199.2	116.4	84.5	67.9	56.4	49.2	38.6	31.9	16.9
1.60V/cell	649.5	520.3	443.1	331.5	250.5	202.4	117.3	85.7	69.0	57.6	49.9	39.4	32.5	17.0