



**Ultimate Power for Changes**

**ECOTEK CANADA PROMOTION TRADE CORPORATION**  
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**ORIGINAL**

## VALVE REGULATED LEAD ACID BATTERY



Our high quality VRLA batteries are developed with state-of-the-art technology.

- Absorbent Glass Mat (AGM) technology
- Long life
- Small size
- No leakage
- Low self discharge
- No water or electrolyte supplement is required
- Maintenance-free
- They have been widely used in UPS, and other kinds of back-up power.

# ECT-RA127R2VA1

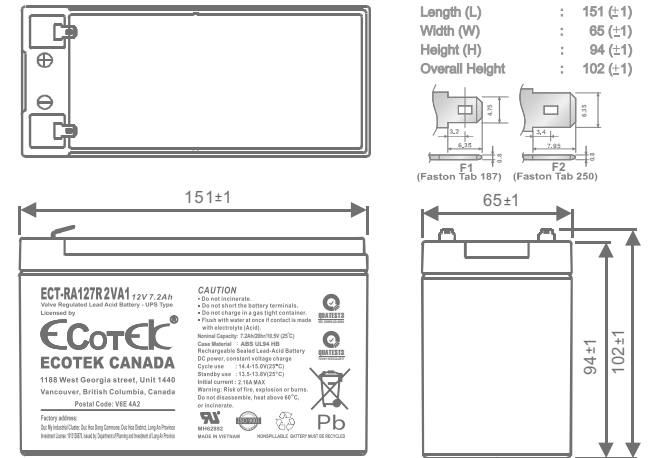
**12V7.2Ah**  
**MAINTENANCE-FREE**

### Product



**SẢN PHẨM KHÔNG CẦN BẢO DƯỠNG**  
**ĐƯỢC BẢO HIỂM TRÁCH NHIỆM LÊN ĐẾN 2 TRIỆU USD**

### Dimensions(mm)



### Specifications

<b>Nominal Voltage(V)</b>			<b>12V</b>
<b>Nominal Capacity</b>			
20 hour rate	(0.36A to 10.50V)		<b>7.2Ah</b>
10 hour rate	(0.684A to 10.50V)		<b>6.84Ah</b>
5 hour rate	(1.224A to 10.20V)		<b>6.12Ah</b>
1C	(7.2A to 9.60V)		<b>4.08Ah</b>
3C	(21.6A to 9.60V)		<b>2.88Ah</b>
<b>Weight</b>	Approx.		<b>2.4kg</b>
<b>Internal Resistance (at 1KHz)</b>	Approx.		<b>22mΩ</b>
<b>Maximum Discharge Current for 5 seconds:</b>			<b>108A</b>
<b>Design life</b>			<b>3-5 years</b>
<b>Case Material</b>			<b>ABS UL94 HB</b>
	Option: Flammability resistance of (UI94 V-0)		
<b>Terminal</b>			<b>F1 or F2 (Faston Tab 187 or 250)</b>

### Charging Methods at 25°C (77°F)

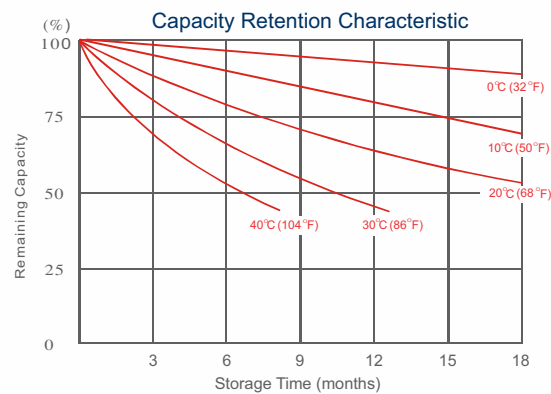
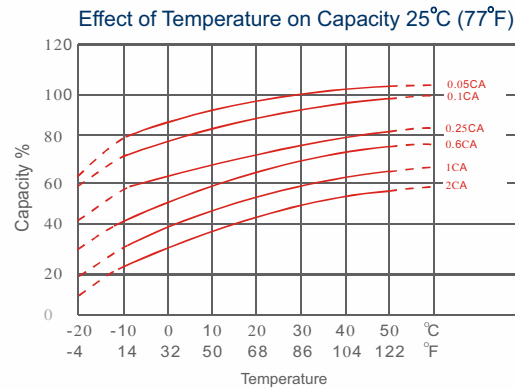
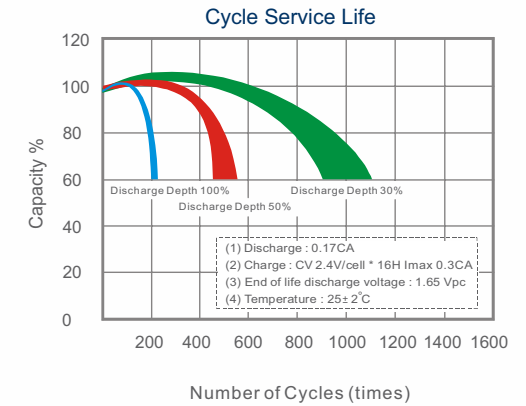
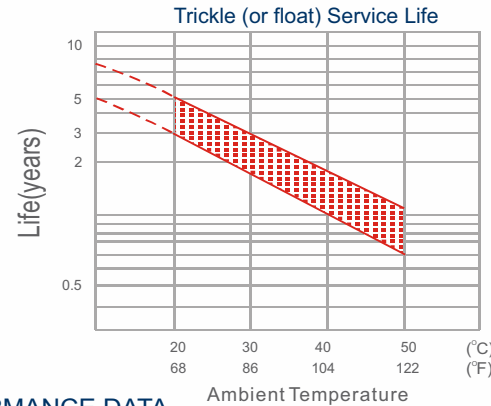
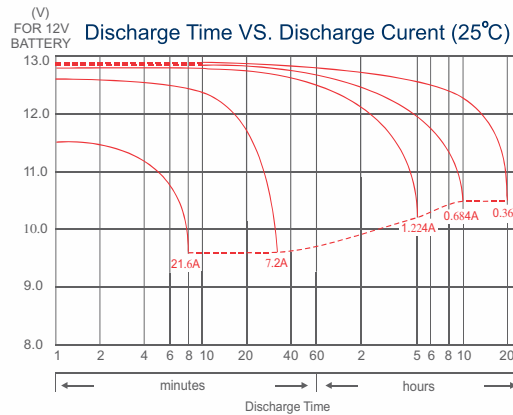
<b>Cycle use:</b>	
Charging Voltage	<b>14.4 to 15.0V</b>
Coefficient -5.0mV/°C/cell	
Maximum Charging Current	<b>2.16A</b>
<b>Standby use:</b>	
Float Charging Voltage	<b>13.50 to 13.80V</b>
Coefficient -3.0mV/°C/cell	

### Operating Temperature Range

Charge	<b>-15°C(5°F) to 40°C(104°F)</b>
Discharge	<b>-15°C(5°F) to 50°C(122°F)</b>
Storage	<b>-15°C(5°F) to 40°C(104°F)</b>

### Charge Retention (shelf life) at 20°C (68°F)

1 month	<b>92%</b>
3 month	<b>90%</b>
6 month	<b>80%</b>



**- PERFORMANCE DATA**  
**- Discharge Rates in Watts to Various End Voltages at 25°C (77°F)**

Time	End Voltage	1.85V	1.80V	1.75V	1.70V	1.67V	1.65V	1.60V
5	min	42.8	48.0	50.3	52.5	53.5	54.3	55.8
10	min	29.8	31.3	32.7	34.0	34.8	35.3	36.3
15	min	24.5	25.5	26.2	26.8	27.0	27.5	28.2
30	min	13.0	13.7	14.1	14.5	14.6	14.7	14.9
60	min	8.43	8.73	8.97	9.15	9.22	9.30	9.45
120	min	4.21	4.39	4.63	5.22	5.27	5.32	5.40
180	min	3.27	3.45	3.60	3.73	3.77	3.82	3.87
240	min	2.87	3.01	3.10	3.15	3.17	3.20	3.23
300	min	2.47	2.54	2.63	2.68	2.70	2.72	2.73
600	min	1.36	1.39	1.42	1.44	1.44	1.45	1.46
1200	min	0.694	0.718	0.737	0.750	0.755	0.760	0.770

**- Discharge Rates in Amperes to Various End Voltages at 25°C (77°F)**

Time	End Voltage	1.85V	1.80V	1.75V	1.70V	1.67V	1.65V	1.60V
5	min	23.5	26.4	28.1	29.7	30.5	31.3	32.6
10	min	16.2	17.0	18.2	18.6	18.8	19.1	19.8
15	min	12.5	13.1	13.6	13.9	14.0	14.2	14.5
30	min	6.61	6.92	7.14	7.30	7.38	7.45	7.61
60	min	3.98	4.13	4.25	4.36	4.39	4.42	4.48
120	min	2.05	2.14	2.21	2.27	2.29	2.32	2.35
180	min	1.63	1.69	1.75	1.80	1.82	1.84	1.87
240	min	1.30	1.37	1.42	1.45	1.46	1.47	1.49
300	min	1.11	1.16	1.23	1.25	1.26	1.27	1.28
600	min	0.650	0.680	0.721	0.728	0.732	0.737	0.747
1200	min	0.341	0.357	0.377	0.382	0.384	0.387	0.392

All data on the spec. sheet is an average value:

The tolerance range : X<6min(+15%~-15%), 6min≤X<10min(+12%~-12%), 10min≤X<60min(+8%~-8%), X≥60min(+5%~-5%)

Contents in this data sheet are subject to change for improvement without prior notice to users. For clarifications and updated information, please contact us.

**CÔNG TY NGUYỄN HÀ**  
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**Factory has been assessed and certified as meeting the requirements of:**

- \* ISO 14001:2015 Certified by: SGS United Kingdom
- \* OHSAS 18001:2007 Certified by: SGS Taiwan
- \* TL 9000-H:2016(R6)/R5.0 & ISO 9001:2015 Certified by: SGS-CSTC Standards Technical Services, China
- \* ISO/IEC 17025 :2005 Certified by: Ministry Of Science and Technology Of Viet Nam

**FACTORY ADDRESS:**

Duc My Industrial Cluster, Duc Hoa Dong Commune, Duc Hoa District, Long An Province, Viet Nam

**INVESTMENT LICENSE No: 1013126870**

**ISSUED BY: DEPARTMENT OF PLANNING AND INVESTMENT OF LONG AN PROVINCE**