



ECOTEK CANADA PROMOTION TRADE CORPORATION
 REGISTERED ADDRESS:
 1188 West Georgia Street, Unit 1660, Vancouver, B.C, Canada, V6E 4A2
 Tel: +1 (778) 928-5580
 Co. Reg. No.: BC0895460
 www.ecotek-canada.vn

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-2V75

2V75Ah

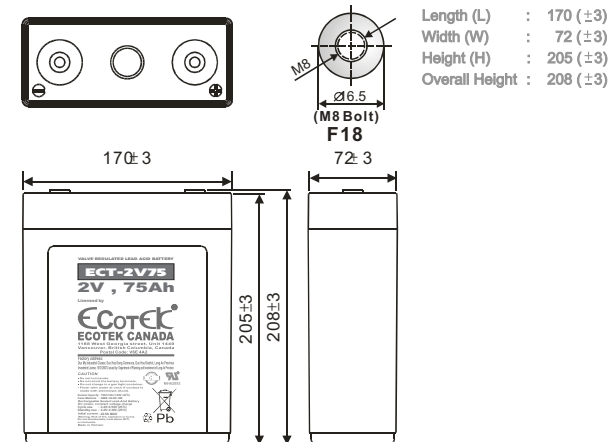
MAINTENANCE-FREE

Product



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

Dimensions(mm)



Specifications

Nominal Voltage(V)	2V
Nominal Capacity	
10 hour rate (7.5A to 1.80V)	75Ah
5 hour rate (12.75A to 1.70V)	63.75Ah
1 hour rate (45A to 1.60V)	45Ah
1C (75A to 1.60V)	37.5Ah
Weight	Approx. 6.4kg
Internal Resistance (at 1KHz)	Approx. 1.5mΩ
Maximum Discharge Current for 5 seconds:	450A
Design life (at 20°C)	12-15 years
Case Material	ABS UL94 HB
	Option: Flammability resistance of (UL94 V-0)
Terminal	F18

Charging Methods at 25°C (77°F)

Cycle use:

Charging Voltage	2.40 to 2.50V
Coefficient -5.0mV/°C/cell	
Maximum Charging Current	22.5A

Standby use:

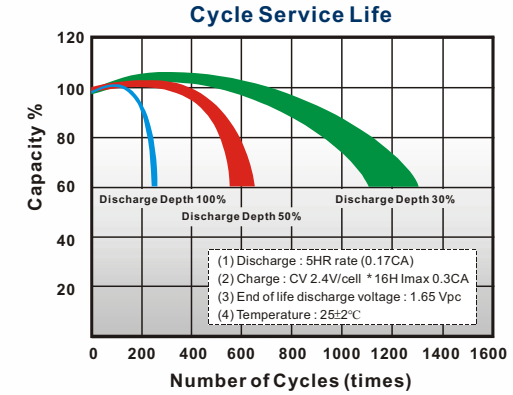
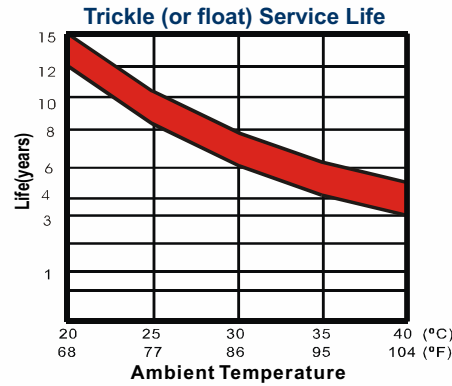
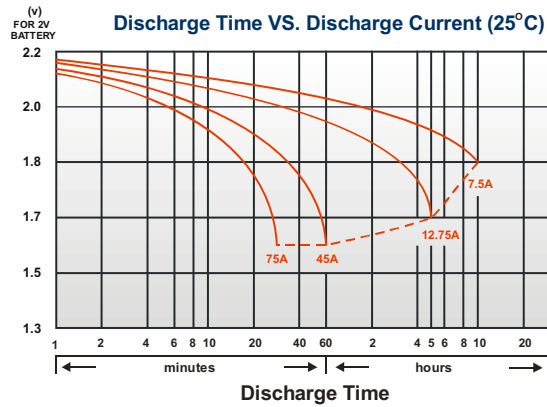
Float Charging Voltage	2.25 to 2.30V
Coefficient -3.0mV/°C/cell	

Operating Temperature Range

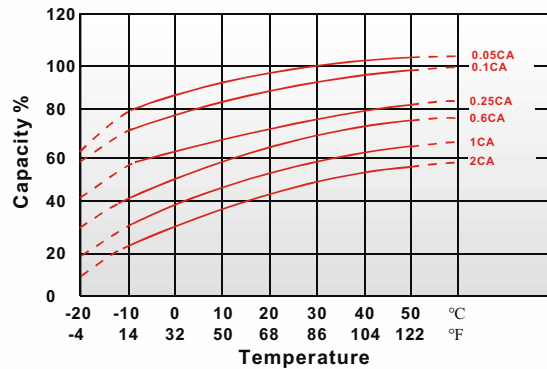
Charge	-15°C(5°F) to 40°C(104°F)
Discharge	-15°C(5°F) to 50°C(122°F)
Storage	-15°C(5°F) to 40°C(104°F)

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

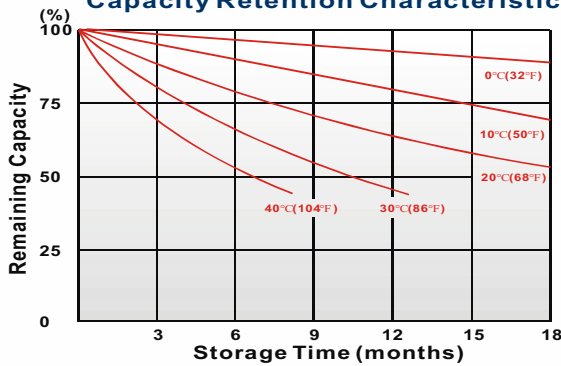
1 month	98%
3 month	94%
6 month	85%



Effect of Temperature on Capacity 25°C(77°F)



Capacity Retention Characteristic



- PERFORMANCE DATA

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

End Voltage		1.85V	1.80V	1.75V	1.70V	1.65V	1.60V
20	min	119	134	147	157	165	173
30	min	109	123	132	139	145	148
60	min	74.2	80.6	83.6	85.8	88.6	90.6
120	min	45.1	48.1	50.9	53.1	55.0	56.5
180	min	35.0	37.2	39.1	40.9	42.2	43.4
240	min	29.3	31.4	32.7	33.8	34.9	35.9
300	min	24.0	25.3	26.4	27.6	28.5	29.3
360	min	21.0	22.2	23.0	23.8	24.5	25.3
480	min	16.3	17.2	17.9	18.5	19.0	19.6
600	min	14.4	15.0	15.5	16.0	16.4	16.7
1200	min	7.42	7.79	8.12	8.44	8.75	8.90

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

End Voltage		1.85V	1.80V	1.75V	1.70V	1.65V	1.60V
20	min	70.9	78.5	84.7	89.3	92.7	95.4
30	min	61.6	66.2	69.8	72.2	74.3	76.0
60	min	35.7	39.4	42.8	44.7	46.4	47.5
120	min	22.1	24.2	25.9	27.2	28.2	29.0
180	min	16.2	17.8	19.1	20.1	20.9	21.5
240	min	13.3	14.4	15.3	16.1	16.7	17.1
300	min	11.8	12.7	13.3	13.8	14.1	14.4
360	min	10.9	11.5	11.9	12.2	12.4	12.6
480	min	8.59	8.97	9.29	9.48	9.65	9.78
600	min	7.31	7.55	7.74	7.91	8.03	8.12
1200	min	3.69	3.84	3.96	4.08	4.17	4.23

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

The tolerance range : $X < 6\text{min}$ (+15%~-15%), $6\text{min} \leq X < 10\text{min}$ (+12%~-12%), $10\text{min} \leq X < 60\text{min}$ (+8%~-8%), $X \geq 60\text{min}$ (+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
 AUTHORIZED REGIONAL MASTER DISTRIBUTOR IN VIETNAM
 Address : 3/4 Nguyen Van Thu Street, Dakao Ward, District 1, HCM City
 Tell : (028) 39.111.701 - Fax: (028) 39.111.700
 Email : phanphoi@ecotek-canada.vn - dichvu@ecotek-canada.vn
 Website : www.ecotek-canada.vn Call Center: 1800 1558

Factory has been assessed and certified as meeting the requirements of:

- * ISO 14001:2015 Certified by: SGS United Kingdom
- * ISO 45001:2018 Certified by: SGS Taiwan
- * ISO 9001:2015 Certified by: SGS-CSTC Standards Technical Services, China
- * ISO/IEC 17025:2017 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