



ECOTEK CANADA PROMOTION TRADE CORPORATION

Registered Address: 1480 Howe Street, Unit 5006, Vancouver, BC, Canada, V6Z 0G5

Business Address: 1188 West Georgia Street, Unit 1660, Vancouver, BC, 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-2V200

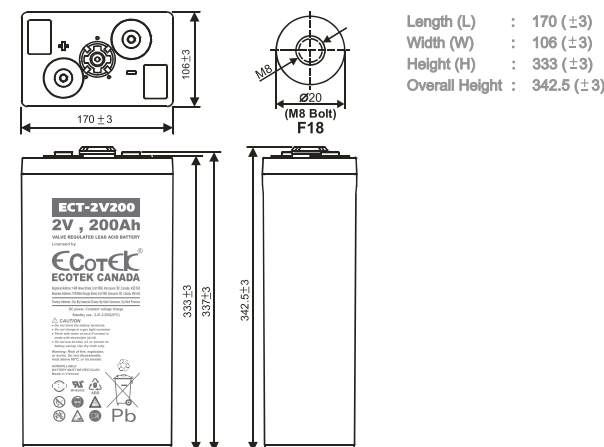
2V200Ah
MAINTENANCE-FREE

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	(20A	to	1.80V)	200Ah
5 hour rate	(34A	to	1.70V)	170Ah
1 hour rate	(120A	to	1.60V)	120Ah
1C	(200A	to	1.60V)	100Ah

Weight Approx. **14.0kg**

Internal Resistance (at 1KHz) Approx. **0.8mΩ**

Maximum Discharge Current for 5 seconds: **1200A**

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 **2.33 to 2.36V**

Coefficient -5.0mV/°C/cell

Maximum Charging Current **60A**

Standby use:

Float Charging Voltage **2.21 to 2.25V**

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)**

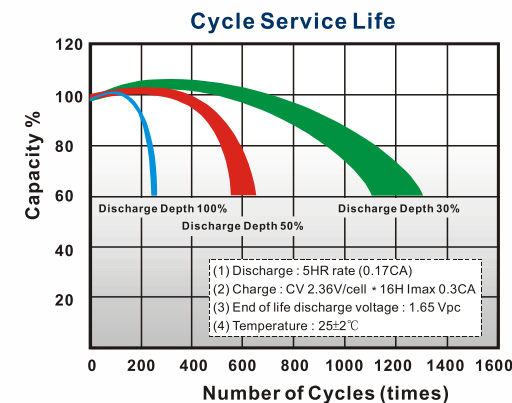
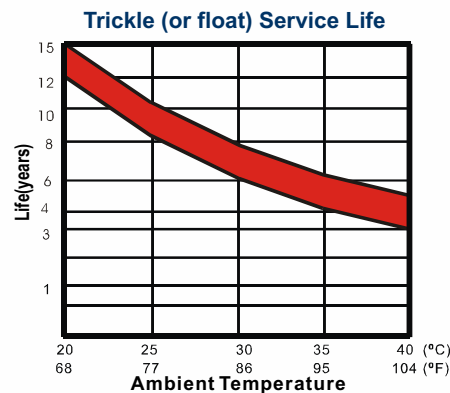
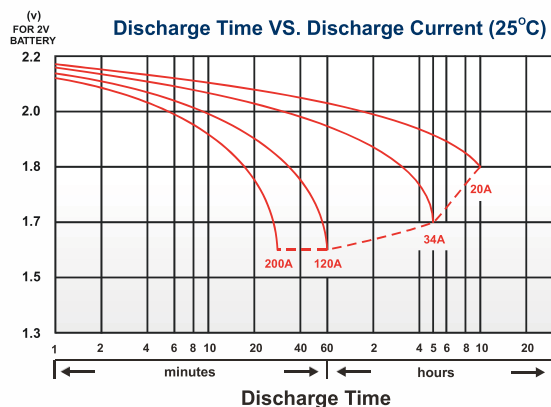
Storage **-15°C(5°F) to 40°C(104°F)**

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

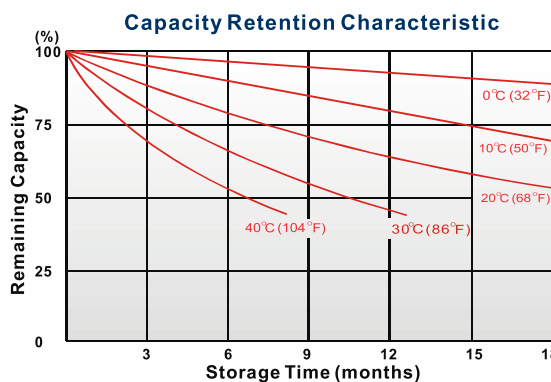
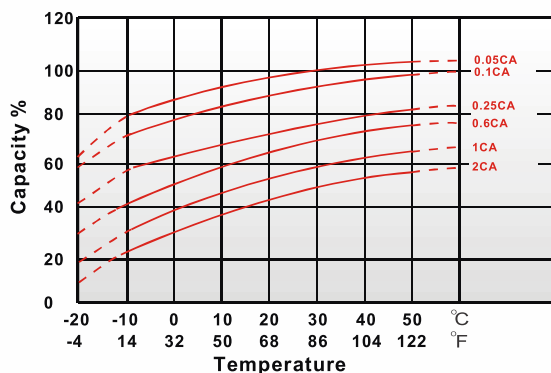
1 month **98%**

3 month **94%**

6 month **85%**



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



- 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
Time							
20	min	307	348	383	414	439	458
30	min	283	297	324	347	364	379
60	min	184	203	212	221	229	236
120	min	107	116	123	130	136	141
180	min	87.9	94.3	99.4	103	106	109
240	min	75.2	79.9	82.8	85.4	87.5	89.4
300	min	66.5	69.3	71.6	73.5	75.2	76.5
360	min	59.3	61.2	62.9	64.4	65.6	66.7
480	min	47.2	48.8	50.1	51.2	52.1	52.8
600	min	42.4	43.9	45.1	46.0	46.7	47.2
1200	min	20.3	21.2	21.9	22.5	23.0	23.3

- 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
Time							
20	min	162	182	205	226	243	254
30	min	157	178	191	201	210	217
60	min	92.7	103	110	117	122	126
120	min	61.4	64.9	68.1	70.7	73.2	75.3
180	min	46.3	48.5	50.7	52.6	54.3	55.8
240	min	36.5	38.7	40.4	41.9	43.2	44.3
300	min	31.0	32.8	34.3	35.6	36.7	37.7
360	min	28.4	30.2	30.9	31.6	32.2	32.8
480	min	22.9	24.0	24.6	25.1	25.5	25.9
600	min	19.2	20.0	20.5	20.9	21.3	21.6
1200	min	9.8	10.3	10.7	11.0	11.2	11.4

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, Tan Dinh Ward, Ho Chi Minh 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 United Kingdom

* ISO 9001:2015

Certified by: SGS United Kingdom

* ISO/IEC 17025:2017

Certified by: Ministry Of Science and Technology Of Viet Nam

FACTORY ADDRESS:

Duc My Industrial Cluster, My Hanh Commune, Tay Ninh Province, Viet Nam