



ECOTEK CANADA PROMOTION TRADE CORPORATION
REGISTERED ADDRESS:
 1188 West Georgia Street, Unit 1440, 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-UP12120VA18

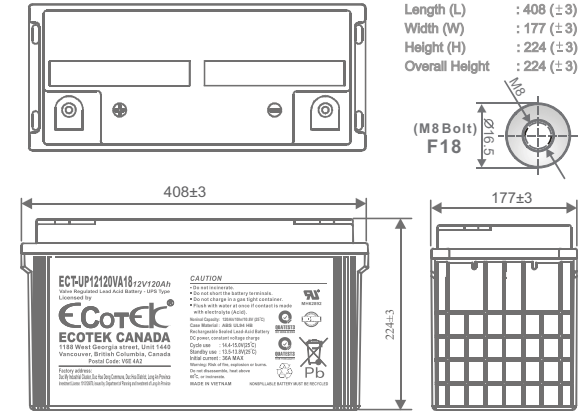
12V120Ah
MAINTENANCE-FREE

Product



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

Dimensions(mm)



Specifications

Nominal Voltage(V)				12V
Nominal Capacity				
10 hour rate	(12A	to	10.80V)	120Ah
5 hour rate	(20.4A	to	10.20V)	102Ah
1 hour rate	(72A	to	9.60V)	72Ah
Weight				Approx. 35.5kg
Internal Resistance (at 1KHz)				Approx. 4m Ω
Maximum Discharge Current for				
5 seconds:				1200A
Design life				10-12 years
Case Material				ABS UL94 HB
	Option: Flammability resistance of (UL94 V-0)			
Terminal				F18

Charging Methods at 25°C(77°F)

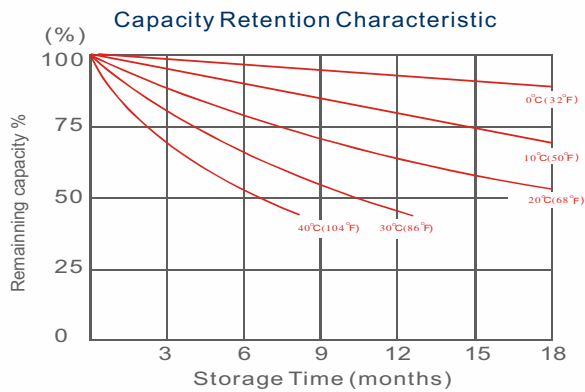
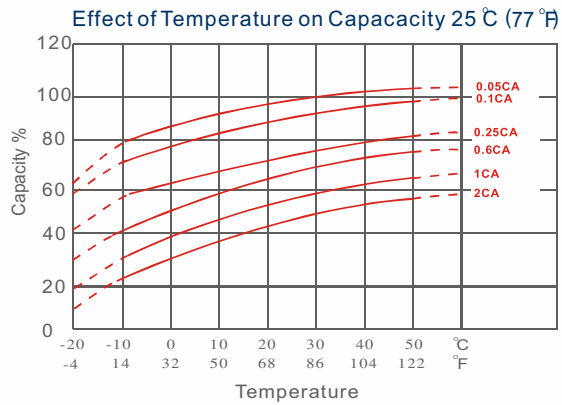
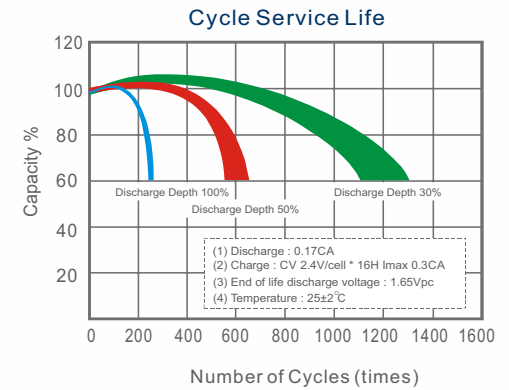
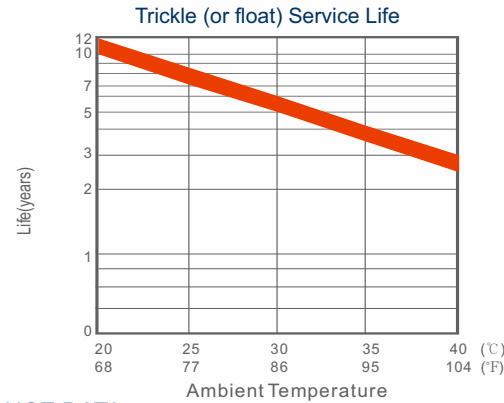
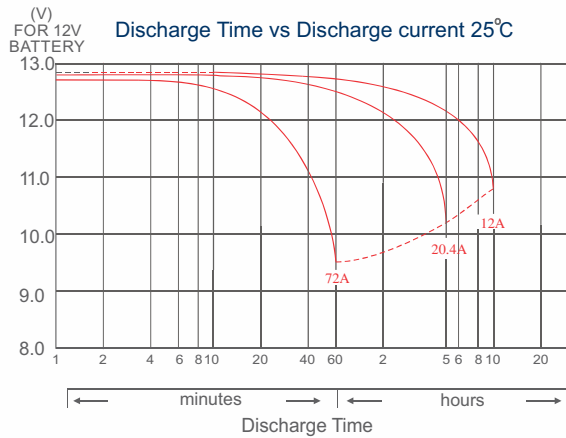
Cycle use:	
Charging Voltage	14.4 to 15.0V
Coefficient -5.0mV/°C/cell	
Maximum Charging Current	36A
Standby use:	
Float Charging Voltage	13.50 to 13.80V
Coefficient -3.0mV/°C/cell	

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%



- PERFORMANCE DATA

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

Time	End Voltage	1.80V	1.75V	1.70V	1.65V	1.60V
10	min	388	415	437	461	466
15	min	332	358	371	384	396
30	min	209	216	224	231	238
45	min	161	165	168	183	184
60	min	130	134	138	144	148
90	min	93.0	95.6	97.7	100	105
180	min	55.7	56.8	57.8	59.4	62.2
300	min	38.9	39.3	40.2	40.8	41.5
480	min	27.3	27.8	28.1	28.5	28.8
600	min	23.4	23.9	24.2	24.4	24.5

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

Time	End Voltage	1.80V	1.75V	1.70V	1.65V	1.60V
10	min	215	239	245	265	281
15	min	169	182	190	199	206
30	min	111	113	118	122	126
45	min	87.0	90.0	92.0	94.0	96.0
60	min	70.0	73.0	75.0	77.0	79.0
90	min	51.0	53.0	55.0	57.0	59.0
180	min	32.5	35.0	35.6	36.1	36.6
300	min	20.3	21.0	21.5	21.7	21.9
480	min	14.1	14.5	14.7	15.0	15.1
600	min	12.5	12.6	12.7	12.8	13.0

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 MASTER DISTRIBUTOR IN VIET NAM

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
- * 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