



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-UP12100VA18

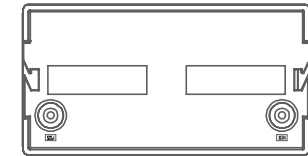
12V100Ah
MAINTENANCE-FREE

Product

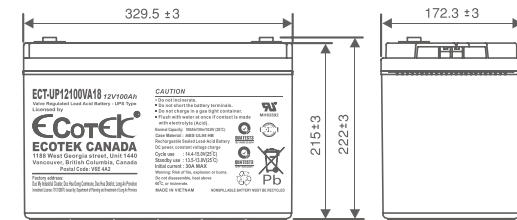
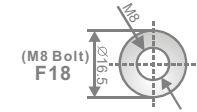


SẢN PHẨM KHÔNG CẦN BẢO DƯỠNG
ĐƯỢC BẢO HIỂM TRÁCH NHIỆM LÊN ĐẾN 2 TRIỆU USD

Dimension(mm)



Length (L) : 329.5 (±3)
 Width (W) : 172 (±3)
 Height (H) : 215 (±3)
 Overall Height : 222 (±3)



Specifications

Nominal Voltage(V)			12V
Nominal Capacity			
10 hour rate (10A to 10.80V)			100Ah
5 hour rate (17A to 10.20V)			85Ah
1 hour rate (60A to 9.60V)			60Ah
Weight	Approx.		31.3kg
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)

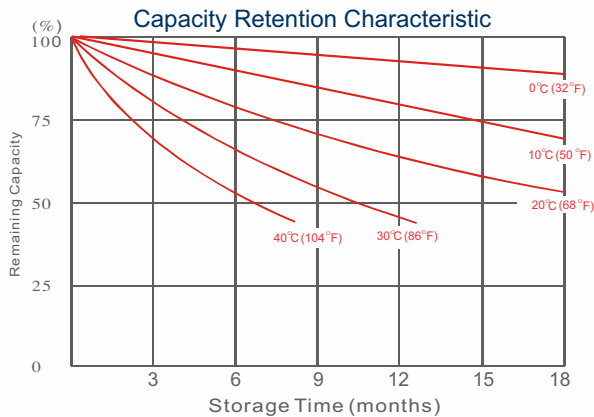
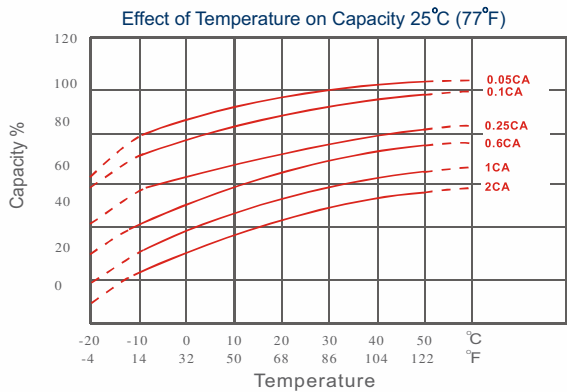
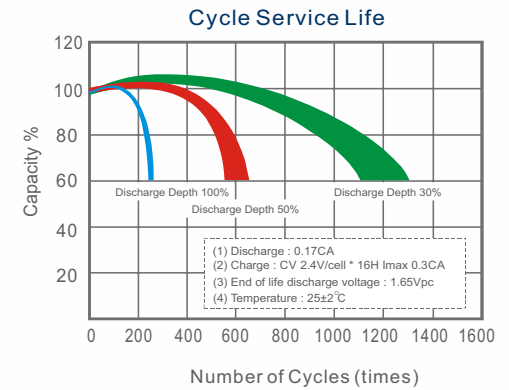
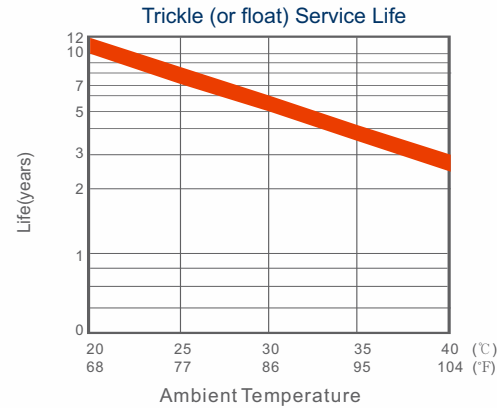
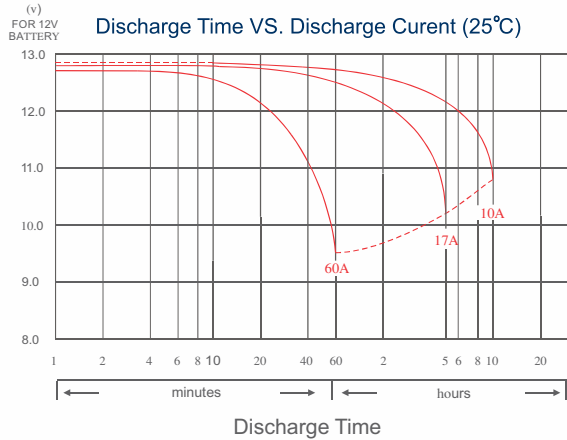
Cycle use:	
Charging Voltage	14.4 to 15.0V
Coefficient -5.0mV/°C/cell	
Maximum Charging Current	30A
Standby use:	
Float Charging Voltage	13.50 to 13.80V
Coefficient -3.0mV/°C/cell	

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	1.85V	1.80V	1.75V	1.70V	1.65V	1.60V
10	min	355	388	415	440	460	480
15	min	295	327	355	368	378	385
20	min	253	275	302	315	327	336
30	min	210	220	233	236	239	241
60	min	128	134	140	143	145	147
180	min	50.4	53.7	55.8	57.6	58.6	59.2
300	min	33.8	35.5	37.3	37.7	38.0	38.3
600	min	19.2	19.9	20.2	20.5	20.8	21.0
1200	min	10.5	10.8	11.1	11.2	11.4	11.6

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

Time	End Voltage	1.85V	1.80V	1.75V	1.70V	1.65V	1.60V
10	min	186	212	235	256	274	287
15	min	168	181	191	200	206	212
20	min	134	147	163	171	178	185
30	min	113	121	127	130	132	134
60	min	61	65.3	69.5	71.7	72.8	73.9
180	min	28.3	29.1	29.8	30.4	30.7	30.9
300	min	17.1	17.9	18.7	18.9	19.1	19.3
600	min	9.81	10.1	10.3	10.5	10.7	10.8
1200	min	5.13	5.28	5.42	5.45	5.48	5.50

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

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