



Ultimate Power for Changes

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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-UP1240VA8

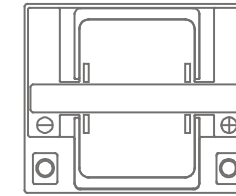
12V40Ah
MAINTENANCE-FREE

Product

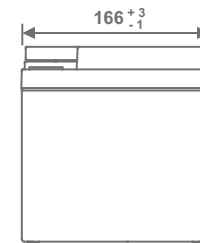
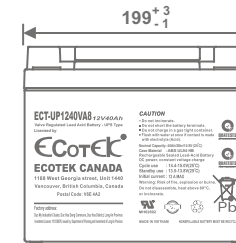
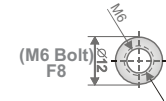


SẢN PHẨM KHÔNG CẦN BẢO DƯỠNG
ĐƯỢC BẢO HIỂM TRÁCH NHIỆM LÊN ĐẾN 2 TRIỆU USD

Dimensions(mm)



Length (L) : 199 (+3 -1)
 Width (W) : 166 (+3 -1)
 Height (H) : 171 (+3 -1)
 Overall Height : 171 (+3 -1)



Specifications

Nominal Voltage(V)				12V
Nominal Capacity				
20 hour rate (2A)	to	10.50V)		40Ah
10 hour rate (3.8A)	to	10.50V)		38Ah
5 hour rate (6.8A)	to	10.20V)		34Ah
1 C (40A)	to	9.60V)		22.67Ah
3 C (120A)	to	9.60V)		16Ah

Weight Approx. **13.4kg**

Internal Resistance (at 1KHz) Approx. **7.5mΩ**

Maximum Discharge Current for 5 seconds: **480A**

Design life **3-5 years**

Case Material **ABS UL94 HB**
 Option: Flammability resistance of (UL94 V-0)

Terminal **F8**

Charging Methods at 25°C(77°F)

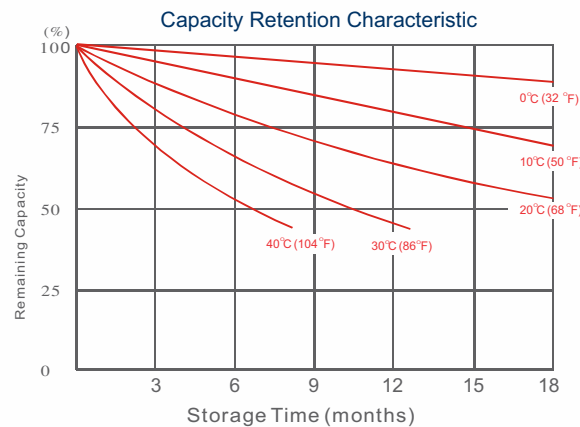
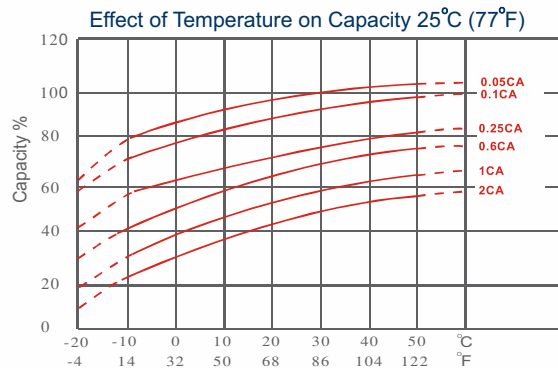
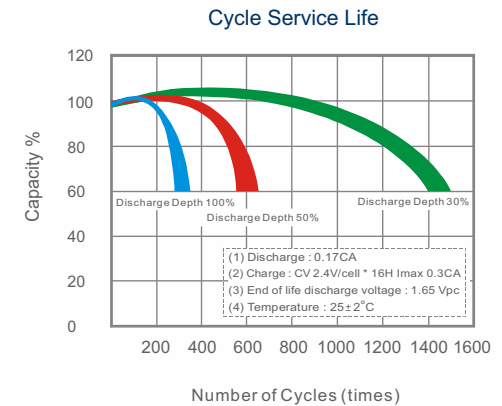
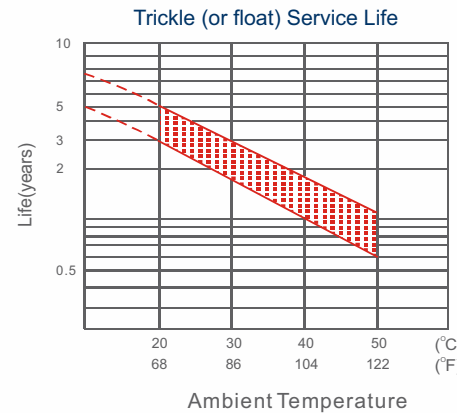
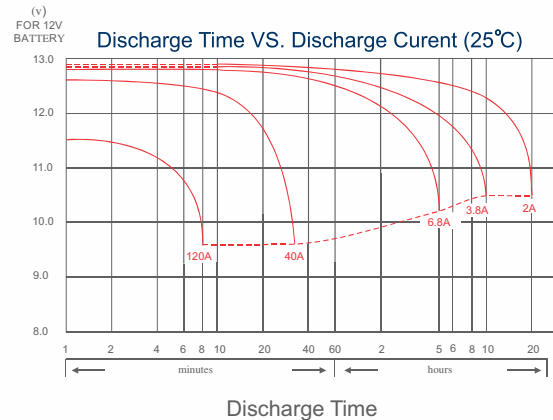
Cycle use:	
Charging Voltage	14.4 to 15.0V
Coefficient -5.0mV/°C/cell	
Maximum Charging Current	12A
Standby use:	
Float Charging Voltage	13.50 to 13.80V
Coefficient -3.0mV/°C/cell	

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	92%
3 month	90%
6 month	80%



- 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
6	min	249	266	281	290	293	295	299
8	min	205	218	231	237	239	241	244
10	min	178	189	198	204	205	207	209
15	min	135	142	149	152	153	154	156
20	min	112	118	123	125	126	127	128
30	min	84.8	88.6	91.8	93.5	94.2	94.6	95.5
60	min	62.9	65.3	66.6	67.1	67.3	67.6	67.9
90	min	43.5	45.2	46.0	46.3	46.5	46.7	46.9
120	min	33.5	34.8	35.4	35.6	35.8	35.9	36.1
180	min	23.3	24.1	24.5	24.7	24.7	24.8	24.9
240	min	18.0	18.6	18.9	19.0	19.1	19.1	19.2
300	min	14.6	15.2	15.4	15.5	15.5	15.6	15.7
480	min	9.56	9.88	10.0	10.1	10.1	10.1	10.2
600	min	6.93	7.15	7.35	7.55	7.63	7.73	7.87
1200	min	3.55	3.75	3.93	4.08	4.15	4.23	4.35

- 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
6	min	141	150	159	164	166	167	169
8	min	114	121	128	132	133	134	135
10	min	97.0	103	108	111	112	113	114
15	min	72.1	76.1	79.6	81.4	82.2	82.6	83.5
20	min	58.5	61.4	64.0	65.4	65.9	66.2	66.9
30	min	43.5	45.5	47.1	48.0	48.3	48.5	49.0
60	min	31.7	32.9	33.6	33.8	33.9	34.1	34.2
90	min	21.9	22.7	23.1	23.3	23.4	23.5	23.6
120	min	16.8	17.5	17.8	17.9	18.0	18.0	18.1
180	min	11.6	12.0	12.2	12.3	12.4	12.4	12.5
240	min	8.94	9.25	9.40	9.47	9.50	9.53	9.57
300	min	7.29	7.54	7.66	7.72	7.74	7.77	7.80
480	min	4.75	4.91	4.98	5.01	5.03	5.04	5.06
600	min	3.92	4.04	4.10	4.13	4.14	4.15	4.17
1200	min	2.08	2.14	2.17	2.19	2.19	2.20	2.20

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

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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

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INVESTMENT LICENSE No: 1013126870

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