ECT-UP1265VA8

12V65Ah
MAINTENANCE-FREE

ECOTEK CANADA
Ultimate Power for Success

ECOTEK CANADA PROMOTION TRADE CORPORATION
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ORIGINAL

VALVE REGULATED LEAD ACID BATTERY

ISO 9001 Certified | CE PMC EMC TESTED N3E11-107R1583-119 | MH62892 | QUATEST3 IEC 60896-22:2004 | QUATEST3 TCVN 11850-22:2017

Our high quality VRLA batteries are developed with state-of-the-art technology.

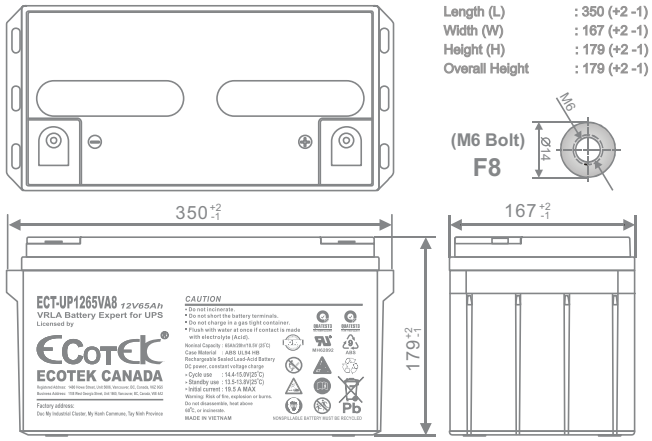
- Absorbent Glass Mat (AGM) technology
- Long life
- Small size
- No leakage
- Low self discharge
- No water or electrolyte supplement is required
- Maintenance-free
- They have been widely used in UPS, and other kinds of back-up power.

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				
20 hour rate	(3.25A	to	10.50V)	**65Ah**
10 hour rate	(6.175A	to	10.50V)	**61.75Ah**
5 hour rate	(11.05A	to	10.20V)	**55.25Ah**
1C	(65A	to	9.60V)	**41.17Ah**
3C	195A	to	9.60V)	**26Ah**
Weight			Approx.	**20.9kg**
Internal Resistance (at 1KHz)			Approx.	**7mΩ**
Maximum Discharge Current for 5 seconds:				**780A**
Design life (20°C)				**10~12 years**
Case Material	ABS - Flame retardant rating of **UL94 HB** Option: **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	**19.5A**

Standby use:

Float Charging Voltage	**13.50 to 13.80V**
Coefficient -3.0mV/°C/cell	

Operating Temperature Range

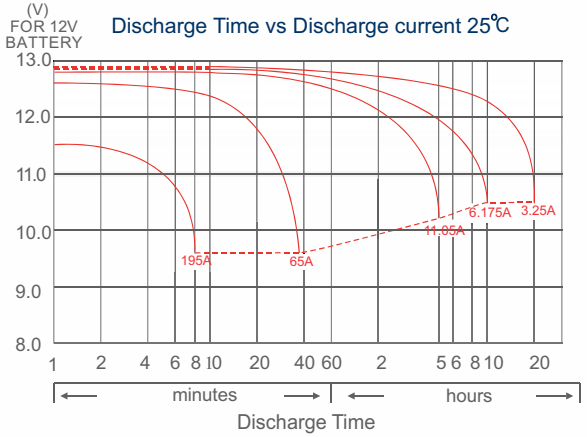
Charge	-15°C(5°F)	to	40°C(104°F)
Discharge	-15°C(5°F)	to	50°C(122°F)
Storage	-15°C(5°F)	to	40°C(104°F)

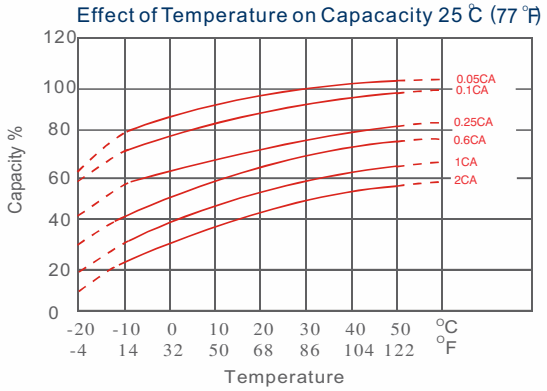
Charge Retention (shelf life) at 20°C(68°F)

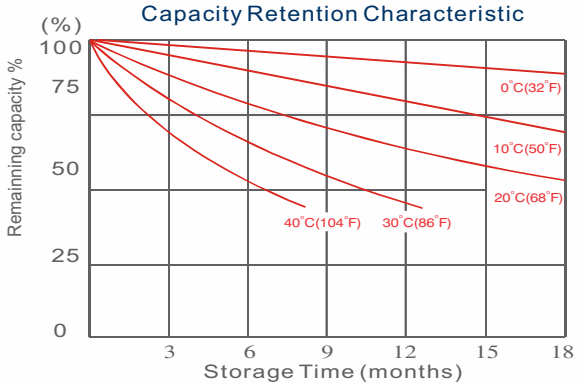
1 month	**98%**
3 month	**94%**
6 month	**85%**

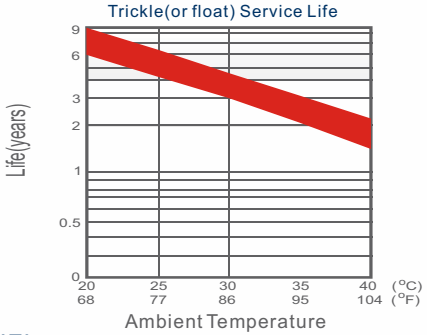
VALVE REGULATED LEAD ACID BATTERY

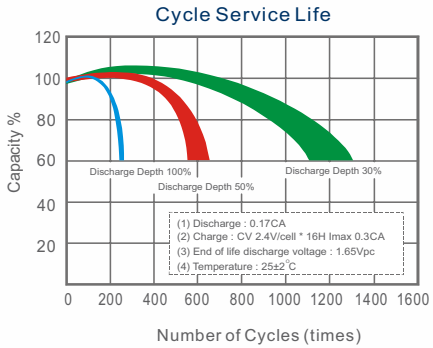
ECT-UP1265VA8 12V65Ah











- PERFORMANCE DATA
- Discharge Rates in Watts to Various End Voltages at 25℃ (77℉)

Time \ End Voltage		1.85V	1.80V	1.75V	1.70V	1.67V	1.65V	1.60V
5	min	249	275	320	371	380	396	432
10	min	203	230	251	274	282	290	309
15	min	170	190	207	215	218	224	231
20	min	150	158	171	173	180	185	193
30	min	113	124	134	138	141	143	148
60	min	72.5	76.5	82.3	83.7	84.0	84.3	85.0
90	min	58.3	60.2	61.5	62.0	62.3	62.5	62.8
120	min	45.7	48.0	49.0	49.5	49.7	49.8	50.0
180	min	32.4	33.5	34.0	34.3	34.5	34.7	35.0
240	min	26.0	27.2	27.5	27.7	27.8	28.0	28.2
300	min	21.7	22.6	23.1	23.2	23.3	23.4	23.4
480	min	14.9	15.5	15.8	15.9	16.0	16.0	16.0
600	min	12.5	12.9	13.2	13.2	13.3	13.3	13.3
1200	min	6.54	6.76	6.86	6.87	6.89	6.91	6.94

- Discharge Rates in Amperes to Various End Voltages at 25℃ (77℉)

Time \ End Voltage		1.85V	1.80V	1.75V	1.70V	1.67V	1.65V	1.60V
5	min	137	151	177	208	213	224	245
10	min	102	123	135	149	154	158	169
15	min	91.0	100	109	116	119	122	129
20	min	61.4	82.5	89.3	92.5	94.0	96.5	101
30	min	50.7	63.6	68.5	71.5	73.4	74.7	77.2
60	min	36.6	38.5	41.5	42.5	43.0	43.6	44.2
90	min	29.5	31.1	31.8	32.2	32.8	33.0	33.4
120	min	23.1	24.3	24.8	25.0	25.3	25.5	25.8
180	min	16.2	17.0	17.3	17.5	17.7	17.8	18.0
240	min	13.0	13.6	13.8	13.9	14.0	14.1	14.2
300	min	10.8	11.3	11.5	11.6	11.7	11.8	11.9
480	min	7.43	7.73	7.87	7.92	7.94	7.96	7.98
600	min	6.19	6.43	6.54	6.58	6.60	6.61	6.63
1200	min	3.24	3.35	3.40	3.41	3.42	3.43	3.44

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.

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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

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