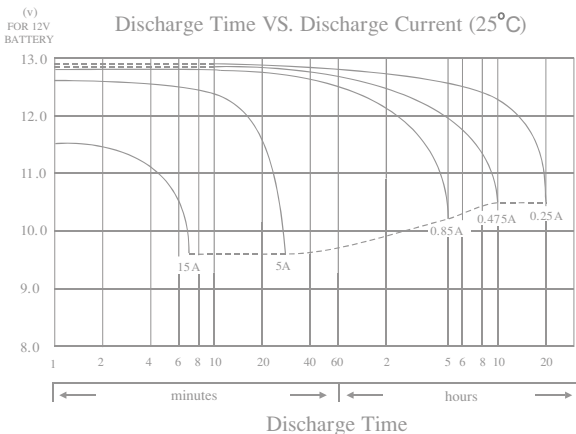
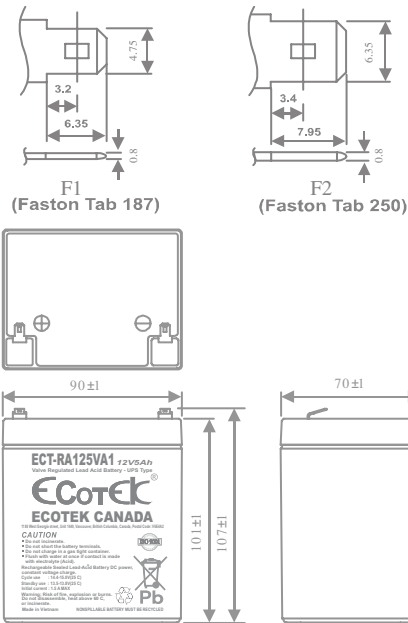




Dimensions mm



Specifications

Nominal Voltage(V) 12V

Nominal Capacity

20 hour rate	(0.25A	to	10.50V)	5Ah
10 hour rate	(0.475A	to	10.50V)	4.75Ah
5 hour rate	(0.85A	to	10.20V)	4.25Ah
1 C	(5A	to	9.60V)	2.833Ah
3 C	(15A	to	9.60V)	2.0Ah

Weight Approx. 1.9kg

Internal Resistance (at 1KHz) Approx. 19 mΩ

Maximum Discharge Current for

5 seconds: 100A

Charging Methods at 25°C(77°F)

Cycle use:	
Charging Voltage	14.4 to 15.0V
Coefficient	-5.0mV/°C/cell
Maximum Charging Current	1.5A
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%

Case Material ABS

Option: UL94 HB & UL94 V-0 Flame retardant

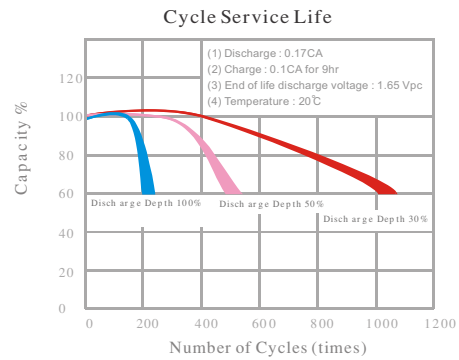
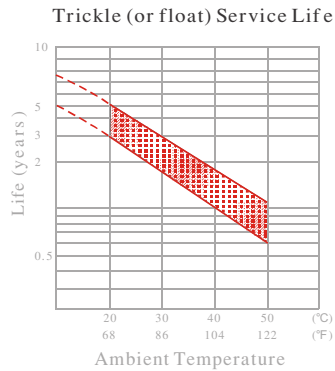
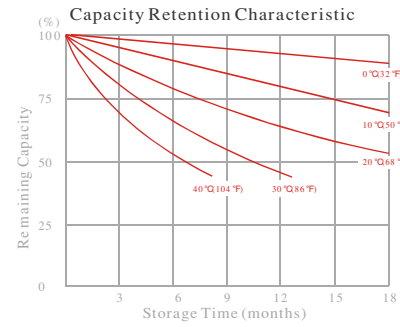
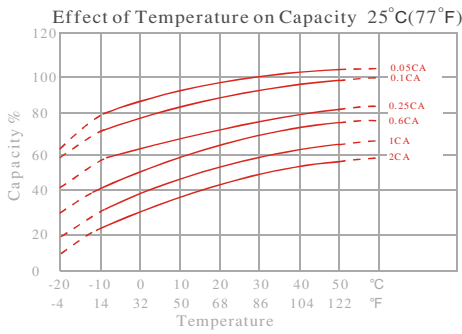
Terminal F1 or F2 (Faston Tab 187 or 250)



VALVE REGULATED LEAD ACID BATTERY - UPS TYPE

ABSORBENT GLASS MAT - AGM TECHNOLOGY

ECT-RA125VA1 12V5Ah



- PERFORMANCE DATA

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

End Voltage		11.10V	10.80V	10.50V	10.20V	9.90V	9.60V
5	min	280	299	306	307	309	311
10	min	180	192	196	197	198	200
15	min	133	141	144	145	146	147
30	min	70.4	74.8	76.3	76.7	77.1	77.7
60	min	35.7	38.6	40.7	41.4	42.1	42.7
120	min	18.8	20.3	21.5	21.8	22.2	22.5
180	min	15.0	16.2	17.1	17.4	17.7	18.0
240	min	12.1	13.0	13.7	14.0	14.2	14.4
300	min	10.2	11.1	11.7	11.9	12.1	12.3
600	min	6.05	6.53	6.90	7.02	7.14	7.24
1200	min	3.18	3.43	3.62	3.68	3.75	3.80

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

End Voltage		11.10V	10.80V	10.50V	10.20V	9.90V	9.60V
5	min	25.0	26.7	27.3	27.4	27.6	27.8
10	min	15.6	16.7	17.1	17.1	17.2	17.4
15	min	11.3	12.0	12.3	12.3	12.4	12.5
30	min	5.94	6.31	6.44	6.48	6.51	6.55
60	min	3.00	3.24	3.42	3.48	3.54	3.59
120	min	1.58	1.70	1.80	1.83	1.86	1.89
180	min	1.25	1.35	1.43	1.45	1.48	1.50
240	min	1.00	1.08	1.14	1.16	1.18	1.20
300	min	0.85	0.92	0.97	0.99	1.00	1.02
600	min	0.50	0.54	0.57	0.58	0.59	0.60
1200	min	0.26	0.28	0.30	0.30	0.31	0.31

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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