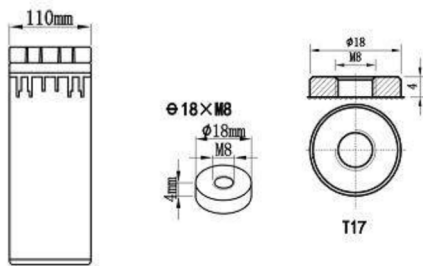
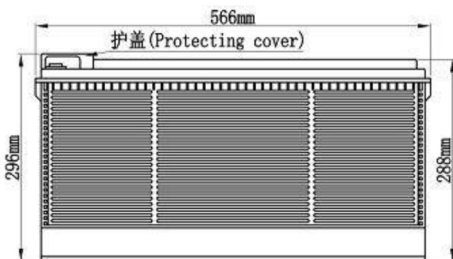



DATASHEET
FAT 150-12
12V 150AH
VLRA AGM BATTERY
LONG LIFE 12 YEARS OF EXPECTED LIFETIME
(EUROBAT)

SPECIFICATIONS

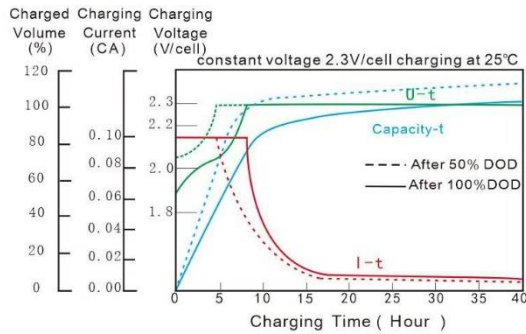
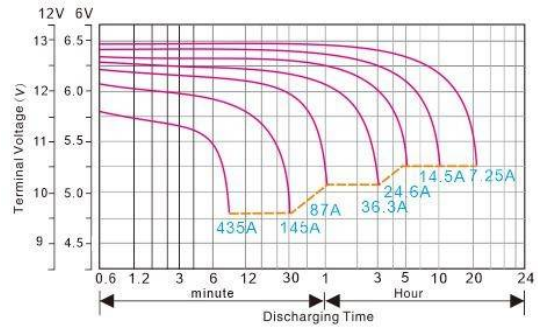
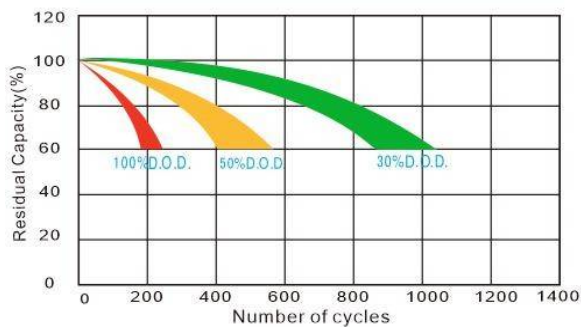
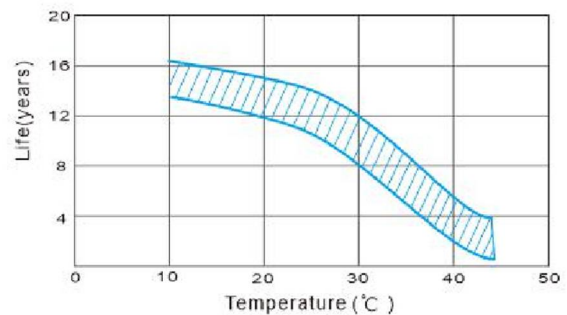
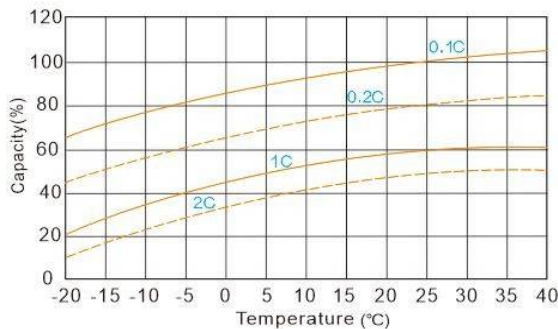
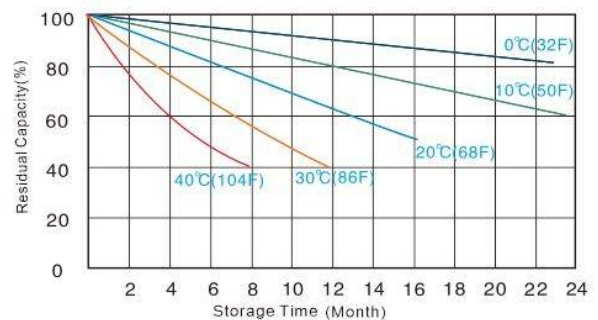
Nominal Voltage	12V	
Nominal Capacity	150Ah	
Terminal	T17	
Approx. Weight	Approx 42,6 kg (93,9 lbs)	
Container Material	ABS UL94-V0	
Dimensions	Length	566±2 mm (22,28 inches)
	Width	110±2 mm (4,33 inches)
	Container Height	288±3 mm (11,33 inches)
	Total Height (with terminal)	296±3 mm (11,65 inches)
Rated Capacity	151 Ah	20 hr (7,25A)
	145 Ah	10 hr (14,5A)
	119 Ah	5 hr (24,6A)
	105 Ah	3 hr (36,3A)
	87 Ah	1 hr (87A)
Internal Resistance	Full charged at 25°C: 5,00 mΩ	

Capacity Affected by Temperature	40°C (104°F) : 103%
	25°C (77°F) : 100%
	0°C (32°F) : 86%

Cycle Application	Limit initial current less than 36.3A. Charge until battery voltage (under charge) reaches 14.1V to 14.4V at 25°C(77°F).
	Hold at 14.1V to 14.4V until current drop to under0.90A for at least 3 hours. Temperature compensation coefficient of charging voltage is -30mV/°C.

Standby Service	1. Hold battery across constant voltage source of 13.6 to 13.8 volts with current limit 36.3A continuously .When held at this voltage, the battery will seek its own current level and maintain itself in a fully charge status.
	2. Temperature compensation coefficient of charging voltage is -18mV/°C.



CHARGE CHARACTERISTIC (25°C/77°F)

DISCHARGE CHARACTERISTIC (25°C/77°F)

CYCLE LIFE IN RELATION TO DEPTH OF DISCHARGE

TEMPERATURE VS FLOAT LIFE

CAPACITY CURVE AT DIFFERENT TEMPERATURE

SELF DISCHARGE CHARACTERISTICS

Battery Discharge Table

End Voltage (V)	Minute (M)					Hour (H)							
	5	10	15	30	45	1	1.5	2	3	5	8	10	20

Constant Current Discharge Data Sheet (Amperes at 25°C)

10.20	441	336	254	135	124.5	87.5	69.2	57.9	36.4	25.2	17.9	14.8	7.52
10.50	392	308	237	129	118.8	84.1	66.4	55.9	35.0	24.1	16.9	14.5	7.43
10.80	365	280	222	125	113.2	80.6	63.6	53.6	33.8	23.1	16.1	14.1	7.34

Constant Power Discharge Data Sheet (Watt at 25°C)

10.20	4390	3717	2674	1681	1262	1097	800	602	449	290	215	182	94.7
10.50	4222	3156	2402	1642	1235	1079	787	583	435	280	212	177	92.6
10.80	3927	2945	2293	1606	1192	1032	752	563	420	271	209	168	90.6