

# Marathon FTX / M12V155FTX

## INDUSTRIAL BATTERIES / NETWORK POWER

Designed for durability in Telecommunications and Electric Utility applications, the Marathon FTX series provides high performance and reliability in long duration discharge applications and is characterized by its excellent life time at high-temperature operation. Outstanding temperature robustness together with a very long design life of over 15 years helps achieving the lowest Total Cost of Ownership. The location of the terminals on the front of the battery greatly facilitates the installation and maintenance of the product.

**Part Number: NAMX120155VM0F0**



### APPLICATIONS



### SPECIFICATIONS

- Design life: 15 years (until 80% C<sub>10</sub> at 20°C and 1.80Vpc)
- EUROBAT 2015 Classification »> 12 years – Very Long Life«
- Extended life time at high-temperature operation: 5 years at 40°C
- High-Compression Absorbent Glass Mat (AGM) technology
- Flame retardant casing (UL 94 V-0)
- Grid plates with superior lead low calcium high tin alloy for excellent corrosion resistance
- Very low gassing due to internal gas recombination (99 % efficiency)
- MICROCAT® Catalyst reduces float current and minimizes water loss
- Low self discharge rate, enabling extended storage capability
- Designed in accordance with IEC 60896-21/-22
- Approval: Underwriters Laboratories (UL)
- Trouble-free transportation of operational blocks and cells. no restriction for most rail, road, sea and air transportation (IATA, DGR clause A67)
- Manufactured in Europe in our ISO 9001 certified production plants
- Central degassing



Design life  
15 years



Block battery



Grid plate



Recyclable



Valve  
regulated  
lead-acid  
batteries



Maintenance  
free (no  
topping up)

### RECYCLE WITH EXIDE.



Exide Technologies takes pride in its commitment to a better environment. An integrated approach to manufacturing, distributing and recycling of lead-acid batteries has been developed to ensure a safe and responsible life cycle for all of its products.



For more information please  
[contact your local dealer](#)

## TECHNICAL CHARACTERISTICS AND DATA

<b>Nominal voltage</b>	12 V
<b>Float charge</b>	2,29 V/C @ 20 °C
<b>Capacity</b>	CC 10h 1,8V/C 20°C 150Ah
<b>Short circuit current</b>	3883 A (IEC60896-21/22)
<b>Internal resistance</b>	3 mΩ (IEC60896-21/22)

<b>Terminal</b>	F-M6-90°
<b>Terminal Torque</b>	11 Nm
<b>Container</b>	UL 94-V0 (Polypropylene)
<b>Temperature range</b>	-40°C to 55°C
<b>Dimensions (l x b/w x h)</b>	124 x 559 x 283 mm
<b>Weight</b>	53,8 kg
<b>Origin</b>	Castanheira, Portugal

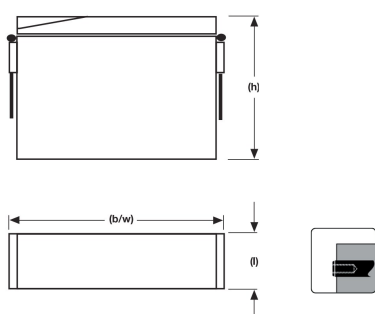
## CONSTANT POWER DISCHARGE

W @ 20 °C	30 min	1 h	2 h	3 h	5 h	8 h	10 h	12 h	24 h
1,940 V/C	1300	867	533	387	259	176	144	122	62,9
1,920 V/C	1379	921	559	406	271	186	152	129	66,9
1,900 V/C	1460	981	582	421	284	196	160	135	70,4
1,870 V/C	1552	1048	609	443	297	204	166	141	74,5
1,850 V/C	1601	1089	630	457	306	211	171	145	76,2
1,830 V/C	1655	1112	641	464	310	214	173	147	77,4
1,800 V/C	1691	1148	659	476	316	218	178	150	78,6
1,780 V/C	1712	1160	665	480	318	219	178	151	79,2
1,750 V/C	1733	1166	670	482	321	221	179	152	79,7

## CONSTANT CURRENT DISCHARGE

A @ 20 °C	30 min	1 h	2 h	3 h	5 h	8 h	10 h	12 h	24 h
1,940 V/C	95,6	74,4	46	33,7	22	14,5	11,6	9,8	5,04
1,920 V/C	109	79,3	48,7	35,3	23,2	15,4	12,5	10,5	5,43
1,900 V/C	123	84,4	51,4	37,3	24,3	16,5	13,3	11,2	5,72
1,870 V/C	137	90	54	39,2	25,5	17,2	14	11,8	6,11
1,850 V/C	143	93,3	55,7	40,4	26,3	17,8	14,5	12,1	6,31
1,830 V/C	146	95,8	56,8	41	26,8	18	14,6	12,3	6,4
1,800 V/C	146	99,8	58,1	41,8	27,5	18,4	15	12,6	6,5
1,780 V/C	146	101	58,6	42,1	27,7	18,5	15	12,6	6,5
1,750 V/C	146	103	58,8	42,3	27,9	18,8	15,1	12,7	6,6

## Technical drawing



## Float Voltage vs Temperature

