



MESA
TECHNICAL ASSOCIATES, INC

When the heat is on...

FAHRENHEIT

HEAT TOLERANT VRLA BATTERIES

MTA-HT80XT

- Helios™ Additive reduces float current up to 75% enhancing high temperature life
- THT™ Plastic specifically formulated heat resistant plastic case and cover optimizes compression
- Microcat® Catalyst lowers float current, mitigates thermal buildup and cell dryout
- Exclusive IPF® Technology optimizes power capacity, cell consistency, and long-term reliability
- TempX™ Alloy inhibits corrosion under the highest temperature extremes
- Advanced AGM technology for superior power
- Puncture resistant micro-porous glass mat separators extend life
- Front access design for easy installation and maintenance
- Reinforced case resists bulging and meets safety requirements (UL 94 V-0)
- Case & cover heat sealed and 100% tested to prevent leaks
- Epoxy-sealed posts eliminate leaks
- Flame arresting, low pressure, self-sealing valves are 100% factory tested
- Computer-aided design and manufacturing control processes and standards to ensure quality products
- All batteries meet or exceed IEEE recommended practices
- Battery design and construction meet UL recognition requirements



SPECIFICATIONS

Nominal Voltage: 12-Volts

Rating: 70 Ampere-Hours @ 8 hr. rate to 1.75 V.P.C.

Positive Plate: >98% Pure lead with tin-calcium alloy

Negative Plate: Pure lead, calcium alloy

Post Seal: Epoxy-sealed

Terminal: Front access, 1/4" – 20 threaded insert

Case/Cover: Flame-retardant, THT™ – UL 94 V-0/>39% L.O.I.

Catalyst: Microcat®

Safety Vent: Low positive pressure, self-sealing w/ flame arrestor

Float Voltage: 2.25 V.P.C. ± 0.01 V.P.C. @ 77°F (25°C)
Range: (13.44V to 13.56V per battery)

Design life: 12 years in float applications @ 77°F (25°C)

Dimensions: Length - 15.89" (403.7 mm)
Width - 4.12" (104.7 mm)
Height - 10.42" (264.6 mm)

Weight: 57.0 lbs. (26.0 kg)

DISCHARGE RATINGS IN AMPS @ 77°F (25°C)†

Volts per Cell (V.P.C.)	1 Hr	2 Hr	3 Hr	4 Hr	5 Hr	8 Hr
1.75	48.9	28.1	20.1	15.8	13.1	8.8
1.80	47.7	27.6	19.8	15.5	12.9	8.6
1.85	45.4	26.5	19.0	15.0	12.5	8.3
1.88	43.1	25.4	18.3	14.4	12.0	8.0
1.90	41.3	24.4	17.6	13.9	11.6	7.8

*All ratings are subject to change without notice.

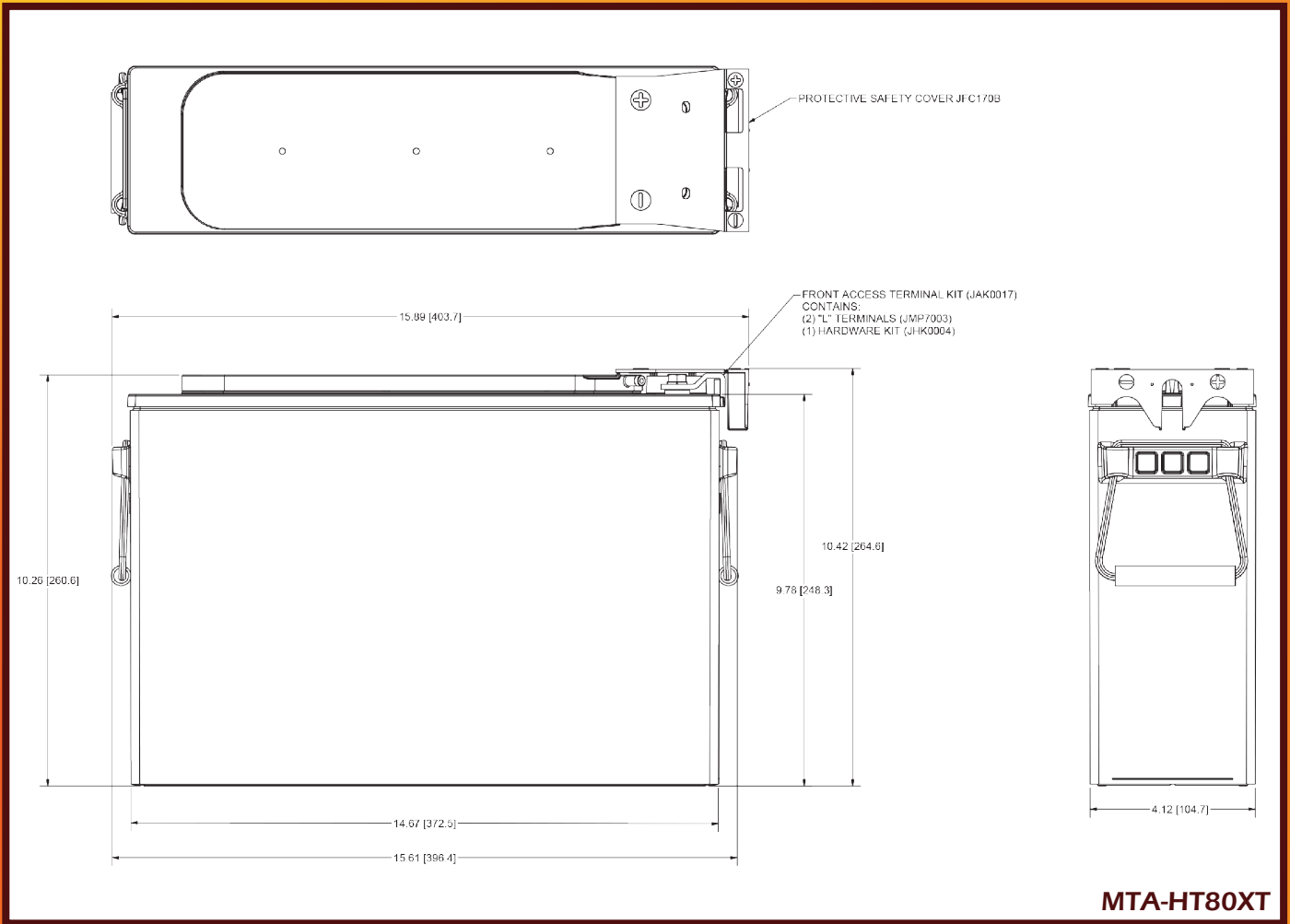


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HEAT TOLERANT VRLA BATTERIES

6 YEAR FULL WARRANTY

AT AN AVERAGE AMBIENT TEMPERATURE OF 95°F



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QUALITY SYSTEM
CERTIFIED
ISO 9001
ISO/TS 16949
ENVIRONMENTAL
SYSTEM CERTIFIED
ISO 14001

