

MARATHON™



SPECIFICATIONS

Front Terminal Batteries

G | N | B
INDUSTRIAL POWER

From the World Leader in VRLA Battery Technology

Designed for durability in Telecommunications, and Electric Utility applications, the GNB **FRONT Terminal MARATHON™** series provides high performance and reliability in long duration discharge applications. The location of the terminals on the front (vs. the top) of the battery greatly facilitates the installation and maintenance of the product when placed in a cabinet enclosure or on a standard relay rack tray. The **MARATHON™** Front Terminal battery series highlights another example of GNB's extensive experience and world wide leadership in VRLA technology.

“Designed in” Quality Manufacturing

Quality manufacturing processes for the **MARATHON™** series batteries incorporate the industry's most advanced technologies including: an automated helium leak detection system, a computer controlled “fill by weight” acid filler, and a temperature controlled water bath formation process. Each and every unit is capacity tested.

High Performance MARATHON™ Series Features

- Flame-retardant reinforced container and cover compliant with UL94 V-0, 28% L.O.I.
- Integrated flash arrester ultrasonically welded into cover.
- Patented “Diamond Side-Wall” design to maintain structural integrity in higher operating temperatures
- Heat sealed case-to-cover bond to ensure a leak proof seal
- High-Compression Absorbent Glass Mat (AGM) technology for greater than 99% recombination efficiency
- High-tin, calcium, silver, lead positive plate design for maximum service float life; 10 year design life @ 25°C (77°F)
- Front Accessible Copper Alloy Terminals & “Easy On/Easy Off” Post Protector
- Reliable one-way, self-resealing safety vents
- Integrated Carry Handles
- Multicell design for faster installation and reduced maintenance

Applications

MARATHON™ series batteries incorporate GNB's advanced VRLA technology designed for long life and high performance in:

Telecommunications

- Distributed Power
- PCS
- Cellular
- Broadband

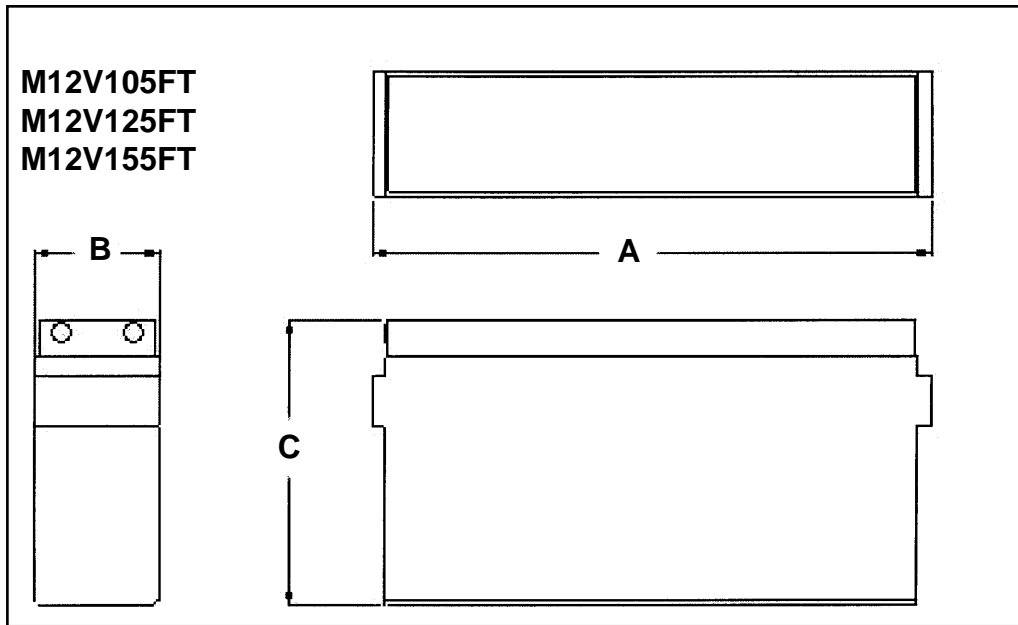
Electric Utility

- Switchgear Control Power
- Communications



MARATHON™ Front Terminal Specifications

| Model Number | Voltage | Capacity (AH) | | Nominal Dimensions | | | | | | Nominal Weight | |
|--------------|---------|-------------------------|--------------------------|--------------------|------|-------|-------------|-----|-----|----------------|------|
| | | 8 Hr To 1.75 VPC @ 25°C | 10 hr To 1.80 VPC @ 20°C | Inches | | | Millimeters | | | lbs. | Kg |
| | | | | A | B | C | A | B | C | | |
| M12V105FT | 12 | 104 | 100 | 20.12 | 4.33 | 9.38 | 511 | 110 | 238 | 79 | 35.8 |
| M12V125FT | 12 | 125 | 121 | 22.00 | 4.90 | 11.15 | 559 | 124 | 283 | 105 | 47.6 |
| M12V155FT | 12 | 155 | 150 | 22.00 | 4.90 | 11.15 | 559 | 124 | 283 | 119 | 53.8 |



MARATHON™ Front Terminal Electrical Data

| Model Number | Short Circuit Current | Internal Resistance (mOhms) |
|--------------|-----------------------|-----------------------------|
| M12V105FT | 3125 | 4.0 |
| M12V125FT | 3814 | 3.2 |
| M12V155FT | 3883 | 3.0 |

Float Voltage & Charging

Constant Voltage charging is recommended

Recommended float voltage: 2.27 VPC @ 25°C (77°F)

Float Voltage Range: 2.25 to 2.30 VPC @ 25°C (77°F)

Equalize voltage: 2.35 VPC for 24 Hours

MARATHON™ Performance Specifications
Amperes @ 25°C (77°F)

1.75 Final VPC

| Model Number | Time | | | | | | | | | | | | | | |
|--------------|-------|-------|-------|------|------|------|------|------|------|------|--------|------|--------|-------|--------|
| | 24 hr | 12 hr | 10 hr | 9 hr | 8 hr | 7 hr | 6 hr | 5 hr | 4 hr | 3 hr | 2.5 hr | 2 hr | 1.5 hr | 1 hr | 0.5 hr |
| M12V105FT | 4.7 | 8.9 | 10.6 | 11.7 | 13.0 | 14.5 | 16.5 | 19.2 | 23.1 | 29.2 | 33.9 | 40.8 | 51.6 | 71.8 | 118.4 |
| M12V125FT | 5.7 | 10.8 | 12.7 | 14.0 | 15.6 | 17.6 | 20.3 | 24.0 | 29.4 | 38.1 | 43.7 | 51.8 | 65.3 | 90.4 | 145.3 |
| M12V155FT | 7.0 | 13.3 | 15.7 | 17.4 | 19.4 | 21.7 | 24.7 | 28.8 | 34.8 | 44.4 | 51.7 | 62.4 | 77.7 | 105.8 | 179.4 |

1.78 Final VPC

| Model Number | Time | | | | | | | | | | | | | | |
|--------------|-------|-------|-------|------|------|------|------|------|------|------|--------|------|--------|-------|--------|
| | 24 hr | 12 hr | 10 hr | 9 hr | 8 hr | 7 hr | 6 hr | 5 hr | 4 hr | 3 hr | 2.5 hr | 2 hr | 1.5 hr | 1 hr | 0.5 hr |
| M12V105FT | 4.6 | 8.8 | 10.4 | 11.5 | 12.8 | 14.4 | 16.4 | 19.0 | 22.8 | 28.9 | 33.6 | 40.3 | 51.0 | 71.1 | 115.1 |
| M12V125FT | 5.7 | 10.7 | 12.6 | 13.9 | 15.4 | 17.4 | 20.1 | 23.7 | 29.0 | 37.7 | 43.3 | 51.2 | 64.4 | 88.9 | 139.8 |
| M12V155FT | 6.9 | 13.1 | 15.5 | 17.1 | 19.1 | 21.5 | 24.4 | 28.5 | 34.4 | 43.9 | 51.2 | 61.9 | 76.9 | 104.4 | 176.4 |

1.80 Final VPC

| Model Number | Time | | | | | | | | | | | | | | |
|--------------|-------|-------|-------|------|------|------|------|------|------|------|--------|------|--------|-------|--------|
| | 24 hr | 12 hr | 10 hr | 9 hr | 8 hr | 7 hr | 6 hr | 5 hr | 4 hr | 3 hr | 2.5 hr | 2 hr | 1.5 hr | 1 hr | 0.5 hr |
| M12V105FT | 4.6 | 8.7 | 10.3 | 11.4 | 12.7 | 14.3 | 16.2 | 18.9 | 22.7 | 28.7 | 33.3 | 40.0 | 50.6 | 70.5 | 112.9 |
| M12V125FT | 5.6 | 10.6 | 12.5 | 13.8 | 15.3 | 17.3 | 19.9 | 23.5 | 28.8 | 37.4 | 42.9 | 50.8 | 63.8 | 87.8 | 136.3 |
| M12V155FT | 6.9 | 13.0 | 15.4 | 17.0 | 19.0 | 21.3 | 24.2 | 28.3 | 34.2 | 43.6 | 50.9 | 61.5 | 76.1 | 102.9 | 172.4 |

1.81 Final VPC

| Model Number | Time | | | | | | | | | | | | | | |
|--------------|-------|-------|-------|------|------|------|------|------|------|------|--------|------|--------|-------|--------|
| | 24 hr | 12 hr | 10 hr | 9 hr | 8 hr | 7 hr | 6 hr | 5 hr | 4 hr | 3 hr | 2.5 hr | 2 hr | 1.5 hr | 1 hr | 0.5 hr |
| M12V105FT | 4.6 | 8.7 | 10.2 | 11.3 | 12.6 | 14.2 | 16.1 | 18.7 | 22.5 | 28.5 | 33.0 | 39.6 | 50.1 | 69.8 | 111.2 |
| M12V125FT | 5.6 | 10.5 | 12.4 | 13.6 | 15.2 | 17.2 | 19.7 | 23.3 | 28.5 | 37.1 | 42.5 | 50.2 | 63.0 | 86.6 | 133.6 |
| M12V155FT | 6.8 | 12.9 | 15.3 | 16.9 | 18.9 | 21.1 | 24.0 | 28.0 | 33.9 | 43.2 | 50.5 | 61.0 | 75.4 | 101.5 | 169.0 |

1.83 Final VPC

| Model Number | Time | | | | | | | | | | | | | | |
|--------------|-------|-------|-------|------|------|------|------|------|------|------|--------|------|--------|------|--------|
| | 24 hr | 12 hr | 10 hr | 9 hr | 8 hr | 7 hr | 6 hr | 5 hr | 4 hr | 3 hr | 2.5 hr | 2 hr | 1.5 hr | 1 hr | 0.5 hr |
| M12V105FT | 4.5 | 8.5 | 10.1 | 11.1 | 12.4 | 14.0 | 15.9 | 18.5 | 22.2 | 28.0 | 32.5 | 38.9 | 49.2 | 68.4 | 107.9 |
| M12V125FT | 5.5 | 10.3 | 12.2 | 13.4 | 14.9 | 16.8 | 19.4 | 22.8 | 28.0 | 36.3 | 41.6 | 49.2 | 61.5 | 84.3 | 128.4 |
| M12V155FT | 6.7 | 12.7 | 15.0 | 16.6 | 18.6 | 20.7 | 23.7 | 27.6 | 33.3 | 42.5 | 49.6 | 59.9 | 73.7 | 98.8 | 162.3 |

MARATHON™ Performance Specifications
Amperes @ 25°C (77°F)

| 1.85 Final VPC | Model Number | Time | | | | | | | | | | | | | | |
|----------------------|-----------------|-------|-------|-------|------|------|------|------|------|------|------|--------|------|--------|------|--------|
| | | 24 hr | 12 hr | 10 hr | 9 hr | 8 hr | 7 hr | 6 hr | 5 hr | 4 hr | 3 hr | 2.5 hr | 2 hr | 1.5 hr | 1 hr | 0.5 hr |
| | M12V105FT | 4.5 | 8.4 | 9.9 | 10.9 | 12.2 | 13.8 | 15.7 | 18.2 | 21.8 | 27.5 | 31.9 | 38.2 | 48.3 | 67.1 | 105.7 |
| | M12V125FT | 5.4 | 10.2 | 12.0 | 13.2 | 14.7 | 16.5 | 19.0 | 22.4 | 27.4 | 35.6 | 40.8 | 48.1 | 60.1 | 82.1 | 123.5 |
| | M12V155FT | 6.6 | 12.5 | 14.9 | 16.4 | 18.3 | 20.4 | 23.3 | 27.1 | 32.8 | 41.8 | 48.8 | 58.9 | 72.2 | 96.2 | 155.9 |

| 1.87 Final VPC | Model Number | Time | | | | | | | | | | | | | | |
|----------------------|-----------------|-------|-------|-------|------|------|------|------|------|------|------|--------|------|--------|------|--------|
| | | 24 hr | 12 hr | 10 hr | 9 hr | 8 hr | 7 hr | 6 hr | 5 hr | 4 hr | 3 hr | 2.5 hr | 2 hr | 1.5 hr | 1 hr | 0.5 hr |
| | M12V105FT | 4.3 | 8.2 | 9.7 | 10.7 | 11.9 | 13.4 | 15.3 | 17.7 | 21.2 | 26.7 | 31.0 | 37.1 | 46.8 | 64.9 | 101.5 |
| | M12V125FT | 5.3 | 9.8 | 11.6 | 12.7 | 14.2 | 16.0 | 18.3 | 21.6 | 26.4 | 34.2 | 39.3 | 46.6 | 58.6 | 80.8 | 119.3 |
| | M12V155FT | 6.4 | 12.2 | 14.4 | 15.9 | 17.7 | 19.8 | 22.6 | 26.3 | 31.7 | 40.4 | 47.1 | 56.9 | 69.7 | 92.8 | 141.6 |

| 1.90 Final VPC | Model Number | Time | | | | | | | | | | | | | | |
|----------------------|-----------------|-------|-------|-------|------|------|------|------|------|------|------|--------|------|--------|------|--------|
| | | 24 hr | 12 hr | 10 hr | 9 hr | 8 hr | 7 hr | 6 hr | 5 hr | 4 hr | 3 hr | 2.5 hr | 2 hr | 1.5 hr | 1 hr | 0.5 hr |
| | M12V105FT | 4.1 | 7.8 | 9.2 | 10.2 | 11.3 | 12.8 | 14.7 | 17.0 | 20.3 | 25.6 | 29.6 | 35.4 | 44.6 | 61.6 | 95.0 |
| | M12V125FT | 5.0 | 9.3 | 11.0 | 12.1 | 13.4 | 15.1 | 17.3 | 20.4 | 24.9 | 32.2 | 37.0 | 43.9 | 54.9 | 75.2 | 109.1 |
| | M12V155FT | 6.1 | 11.7 | 13.8 | 15.2 | 17.0 | 18.9 | 21.5 | 25.0 | 30.2 | 38.4 | 44.7 | 53.9 | 65.7 | 87.0 | 136.9 |

| 1.92 Final VPC | Model Number | Time | | | | | | | | | | | | | | |
|----------------------|-----------------|-------|-------|-------|------|------|------|------|------|------|------|--------|------|--------|------|--------|
| | | 24 hr | 12 hr | 10 hr | 9 hr | 8 hr | 7 hr | 6 hr | 5 hr | 4 hr | 3 hr | 2.5 hr | 2 hr | 1.5 hr | 1 hr | 0.5 hr |
| | M12V105FT | 3.9 | 7.4 | 8.7 | 9.6 | 10.7 | 12.1 | 13.9 | 16.4 | 19.5 | 24.4 | 28.2 | 33.6 | 42.1 | 57.9 | 89.1 |
| | M12V125FT | 4.7 | 8.8 | 10.5 | 11.5 | 12.6 | 14.2 | 16.4 | 19.3 | 23.6 | 30.3 | 34.8 | 41.2 | 51.2 | 69.8 | 95.1 |
| | M12V155FT | 5.8 | 11.0 | 13.0 | 14.3 | 15.9 | 18.0 | 20.5 | 23.9 | 28.7 | 36.4 | 42.3 | 50.8 | 61.9 | 81.7 | 112.6 |

| 1.94 Final VPC | Model Number | Time | | | | | | | | | | | | | | |
|----------------------|-----------------|-------|-------|-------|------|------|------|------|------|------|------|--------|------|--------|------|--------|
| | | 24 hr | 12 hr | 10 hr | 9 hr | 8 hr | 7 hr | 6 hr | 5 hr | 4 hr | 3 hr | 2.5 hr | 2 hr | 1.5 hr | 1 hr | 0.5 hr |
| | M12V105FT | 3.7 | 7.0 | 8.3 | 9.1 | 10.1 | 11.4 | 13.1 | 15.5 | 18.6 | 23.2 | 26.7 | 31.8 | 39.7 | 54.3 | 82.8 |
| | M12V125FT | 4.4 | 8.3 | 9.8 | 10.8 | 11.9 | 13.3 | 15.3 | 18.0 | 22.0 | 28.0 | 32.1 | 38.0 | 47.3 | 64.4 | 80.7 |
| | M12V155FT | 5.5 | 10.3 | 12.2 | 13.4 | 14.9 | 16.9 | 19.4 | 22.7 | 27.3 | 34.7 | 40.2 | 48.0 | 58.3 | 76.7 | 98.6 |

MARATHON™ Performance Specifications
Watts per Cell @ 25°C (77°F)

| 1.75 Final VPC | Model Number | Time | | | | | | | | | | | | | | |
|----------------------|-----------------|-------|-------|-------|------|------|------|------|------|------|------|--------|-------|--------|-------|--------|
| | | 24 hr | 12 hr | 10 hr | 9 hr | 8 hr | 7 hr | 6 hr | 5 hr | 4 hr | 3 hr | 2.5 hr | 2 hr | 1.5 hr | 1 hr | 0.5 hr |
| | M12V105FT | 8.9 | 16.9 | 20.0 | 22.0 | 24.6 | 27.8 | 31.2 | 36.2 | 43.5 | 55.2 | 64.1 | 77.0 | 97.6 | 136.2 | 221.0 |
| | M12V155FT | 13.7 | 26.1 | 30.9 | 34.0 | 38.0 | 42.3 | 47.8 | 55.2 | 66.1 | 82.9 | 96.1 | 115.2 | 144.9 | 200.3 | 326.6 |

| 1.78 Final VPC | Model Number | Time | | | | | | | | | | | | | | |
|----------------------|-----------------|-------|-------|-------|------|------|------|------|------|------|------|--------|-------|--------|-------|--------|
| | | 24 hr | 12 hr | 10 hr | 9 hr | 8 hr | 7 hr | 6 hr | 5 hr | 4 hr | 3 hr | 2.5 hr | 2 hr | 1.5 hr | 1 hr | 0.5 hr |
| | M12V105FT | 8.8 | 16.8 | 19.8 | 21.8 | 24.3 | 27.5 | 30.9 | 35.9 | 43.1 | 54.7 | 63.5 | 76.3 | 96.7 | 135.0 | 217.6 |
| | M12V155FT | 13.6 | 25.9 | 30.6 | 33.8 | 37.7 | 41.8 | 47.3 | 54.7 | 65.5 | 82.5 | 95.5 | 114.2 | 143.9 | 199.3 | 323.6 |

| 1.80 Final VPC | Model Number | Time | | | | | | | | | | | | | | |
|----------------------|-----------------|-------|-------|-------|------|------|------|------|------|------|------|--------|-------|--------|-------|--------|
| | | 24 hr | 12 hr | 10 hr | 9 hr | 8 hr | 7 hr | 6 hr | 5 hr | 4 hr | 3 hr | 2.5 hr | 2 hr | 1.5 hr | 1 hr | 0.5 hr |
| | M12V105FT | 8.8 | 16.7 | 19.7 | 21.7 | 24.2 | 27.4 | 30.7 | 35.7 | 42.9 | 54.3 | 63.1 | 75.8 | 96.0 | 134.0 | 214.6 |
| | M12V155FT | 13.5 | 25.7 | 30.5 | 33.6 | 37.5 | 41.5 | 46.9 | 54.3 | 64.9 | 81.8 | 94.7 | 113.2 | 142.6 | 197.3 | 318.5 |

| 1.81 Final VPC | Model Number | Time | | | | | | | | | | | | | | |
|----------------------|-----------------|-------|-------|-------|------|------|------|------|------|------|------|--------|-------|--------|-------|--------|
| | | 24 hr | 12 hr | 10 hr | 9 hr | 8 hr | 7 hr | 6 hr | 5 hr | 4 hr | 3 hr | 2.5 hr | 2 hr | 1.5 hr | 1 hr | 0.5 hr |
| | M12V105FT | 8.8 | 16.5 | 19.6 | 21.6 | 24.0 | 27.2 | 30.5 | 35.5 | 42.6 | 53.9 | 62.6 | 75.2 | 95.2 | 132.9 | 211.9 |
| | M12V155FT | 13.5 | 25.6 | 30.3 | 33.4 | 37.2 | 41.2 | 46.6 | 53.9 | 64.5 | 81.1 | 93.8 | 112.2 | 141.2 | 195.2 | 314.0 |

| 1.83 Final VPC | Model Number | Time | | | | | | | | | | | | | | |
|----------------------|-----------------|-------|-------|-------|------|------|------|------|------|------|------|--------|-------|--------|-------|--------|
| | | 24 hr | 12 hr | 10 hr | 9 hr | 8 hr | 7 hr | 6 hr | 5 hr | 4 hr | 3 hr | 2.5 hr | 2 hr | 1.5 hr | 1 hr | 0.5 hr |
| | M12V105FT | 8.6 | 16.3 | 19.3 | 21.3 | 23.7 | 26.8 | 30.3 | 35.0 | 42.0 | 53.2 | 61.7 | 74.1 | 93.8 | 130.7 | 209.1 |
| | M12V155FT | 13.3 | 25.2 | 29.8 | 32.9 | 36.7 | 40.7 | 46.0 | 53.2 | 63.5 | 79.8 | 92.3 | 110.2 | 138.5 | 191.1 | 305.2 |

MARATHON™ Performance Specifications
Watts per Cell @ 25°C (77°F)

| 1.85 Final VPC | Model Number | Time | | | | | | | | | | | | | | |
|----------------------|-----------------|-------|-------|-------|------|------|------|------|------|------|------|--------|-------|--------|-------|--------|
| | | 24 hr | 12 hr | 10 hr | 9 hr | 8 hr | 7 hr | 6 hr | 5 hr | 4 hr | 3 hr | 2.5 hr | 2 hr | 1.5 hr | 1 hr | 0.5 hr |
| | M12V105FT | 8.6 | 16.1 | 19.0 | 20.9 | 23.2 | 26.2 | 30.0 | 34.5 | 41.4 | 52.4 | 60.8 | 72.9 | 92.2 | 128.4 | 204.8 |
| | M12V155FT | 13.1 | 24.9 | 29.4 | 32.4 | 36.2 | 40.2 | 45.4 | 52.5 | 62.6 | 78.6 | 90.7 | 108.2 | 135.8 | 187.1 | 296.7 |

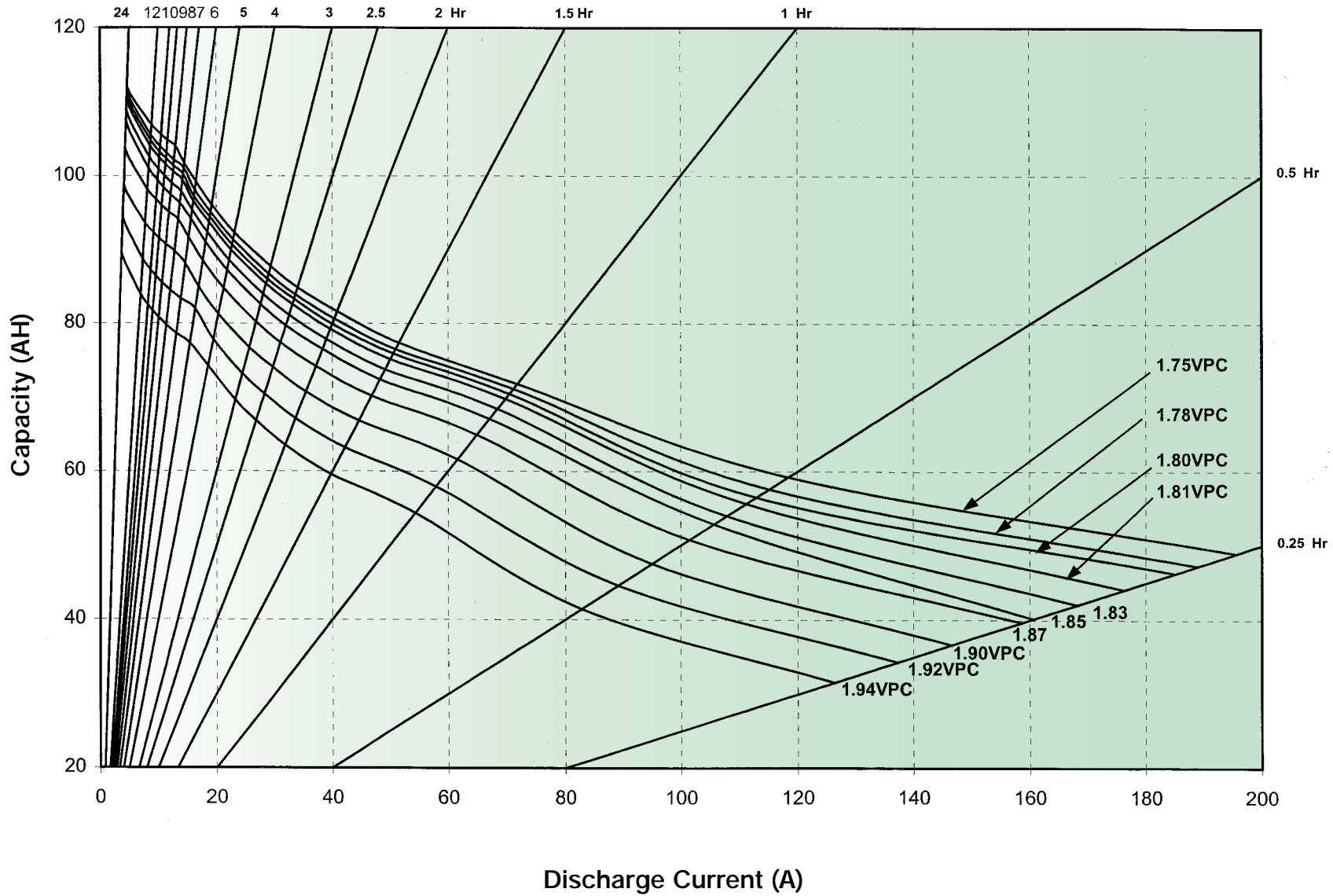
| 1.87 Final VPC | Model Number | Time | | | | | | | | | | | | | | |
|----------------------|-----------------|-------|-------|-------|------|------|------|------|------|------|------|--------|-------|--------|-------|--------|
| | | 24 hr | 12 hr | 10 hr | 9 hr | 8 hr | 7 hr | 6 hr | 5 hr | 4 hr | 3 hr | 2.5 hr | 2 hr | 1.5 hr | 1 hr | 0.5 hr |
| | M12V105FT | 8.4 | 15.6 | 18.4 | 20.3 | 22.6 | 25.5 | 29.3 | 33.7 | 40.4 | 51.0 | 59.2 | 71.0 | 89.7 | 124.7 | 197.6 |
| | M12V155FT | 12.8 | 24.2 | 28.6 | 31.5 | 35.1 | 39.2 | 44.2 | 51.0 | 60.8 | 76.1 | 87.8 | 104.6 | 131.0 | 180.0 | 282.3 |

| 1.90 Final VPC | Model Number | Time | | | | | | | | | | | | | | |
|----------------------|-----------------|-------|-------|-------|------|------|------|------|------|------|------|--------|-------|--------|-------|--------|
| | | 24 hr | 12 hr | 10 hr | 9 hr | 8 hr | 7 hr | 6 hr | 5 hr | 4 hr | 3 hr | 2.5 hr | 2 hr | 1.5 hr | 1 hr | 0.5 hr |
| | M12V105FT | 8.0 | 15.0 | 17.7 | 19.4 | 21.6 | 24.4 | 28.0 | 32.3 | 38.7 | 48.9 | 56.7 | 68.0 | 85.8 | 119.2 | 187.4 |
| | M12V155FT | 12.3 | 23.2 | 27.5 | 30.3 | 33.7 | 37.6 | 42.3 | 48.8 | 58.0 | 72.4 | 83.7 | 100.0 | 124.2 | 168.5 | 262.1 |

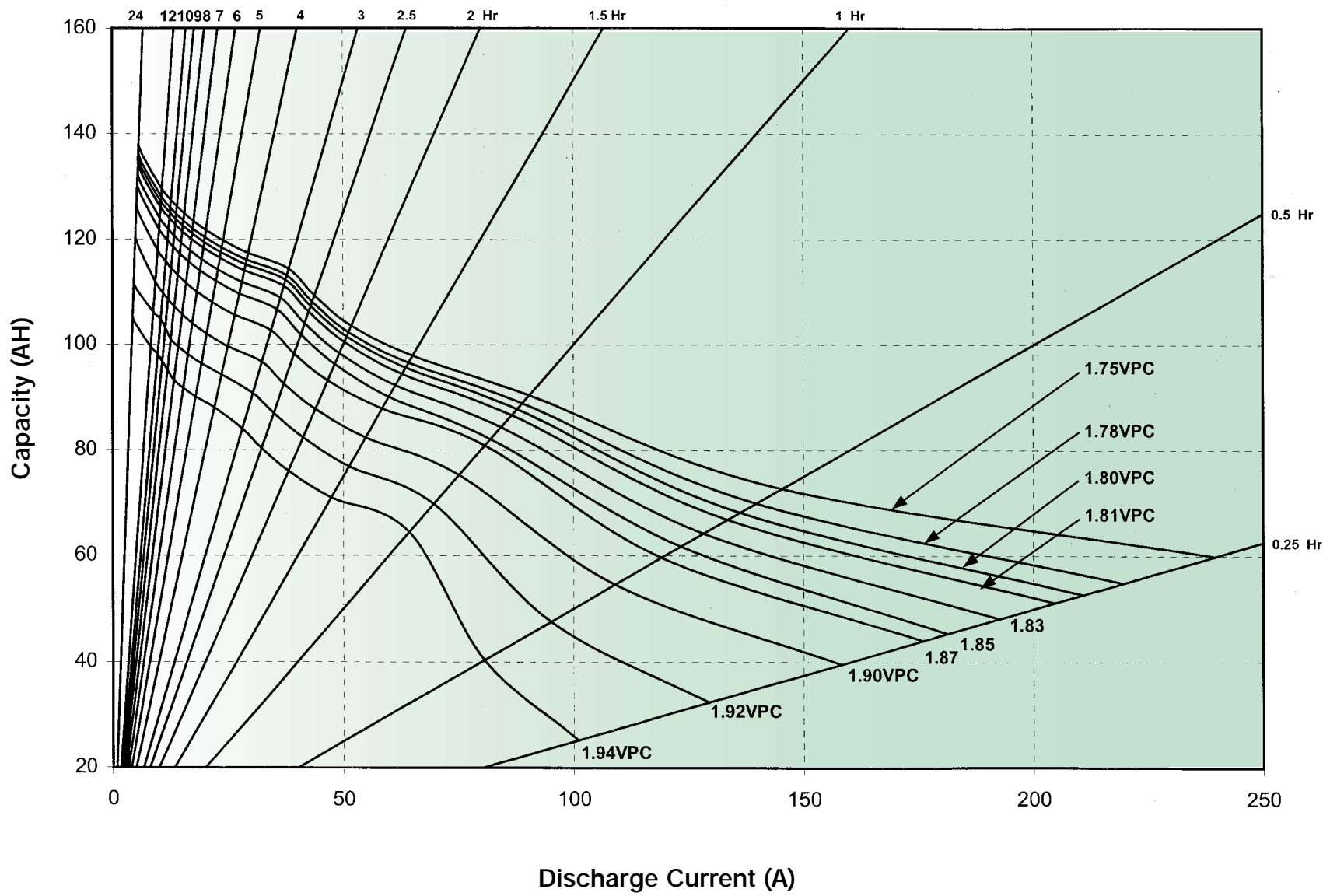
| 1.92 Final VPC | Model Number | Time | | | | | | | | | | | | | | |
|----------------------|-----------------|-------|-------|-------|------|------|------|------|------|------|------|--------|------|--------|-------|--------|
| | | 24 hr | 12 hr | 10 hr | 9 hr | 8 hr | 7 hr | 6 hr | 5 hr | 4 hr | 3 hr | 2.5 hr | 2 hr | 1.5 hr | 1 hr | 0.5 hr |
| | M12V105FT | 7.6 | 14.2 | 16.8 | 18.4 | 20.5 | 23.1 | 26.5 | 31.2 | 36.9 | 46.5 | 53.8 | 64.4 | 81.2 | 112.5 | 177.1 |
| | M12V155FT | 11.7 | 22.1 | 26.1 | 28.7 | 31.9 | 35.7 | 40.4 | 46.6 | 55.6 | 69.8 | 80.6 | 96.1 | 118.2 | 158.3 | 243.1 |

| 1.94 Final VPC | Model Number | Time | | | | | | | | | | | | | | |
|----------------------|-----------------|-------|-------|-------|------|------|------|------|------|------|------|--------|------|--------|-------|--------|
| | | 24 hr | 12 hr | 10 hr | 9 hr | 8 hr | 7 hr | 6 hr | 5 hr | 4 hr | 3 hr | 2.5 hr | 2 hr | 1.5 hr | 1 hr | 0.5 hr |
| | M12V105FT | 7.2 | 13.5 | 15.9 | 17.4 | 19.4 | 21.8 | 25.1 | 29.5 | 35.1 | 44.1 | 51.0 | 60.9 | 76.6 | 105.8 | 167.2 |
| | M12V155FT | 11.2 | 20.9 | 24.7 | 27.1 | 30.2 | 34.1 | 38.5 | 44.5 | 53.0 | 66.5 | 76.8 | 91.6 | 112.1 | 149.0 | 226.2 |

M12V105FT - Performance Curves @ 25°C (77°F)

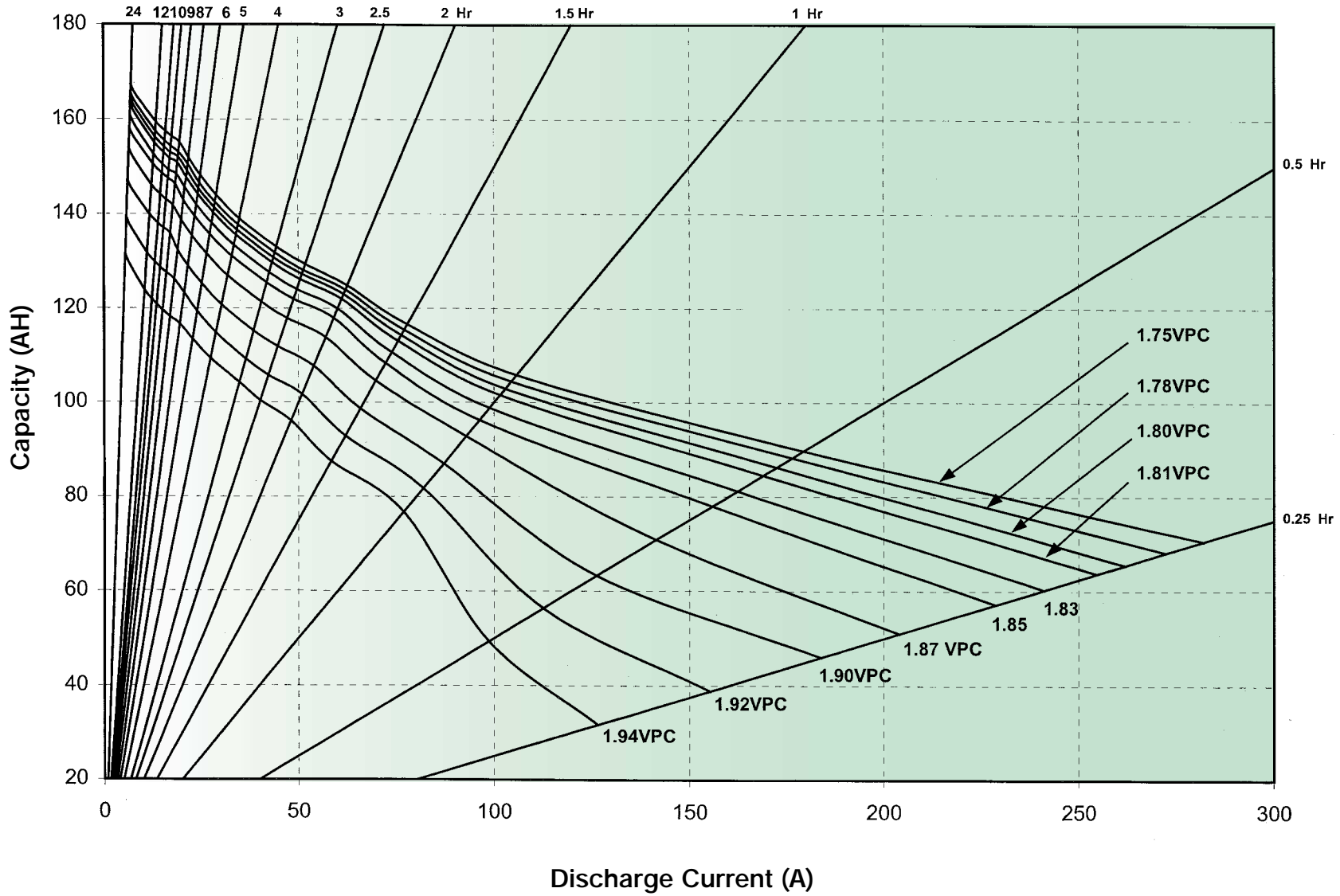


M12V125FT - Performance Curves @ 25°C (77°F)

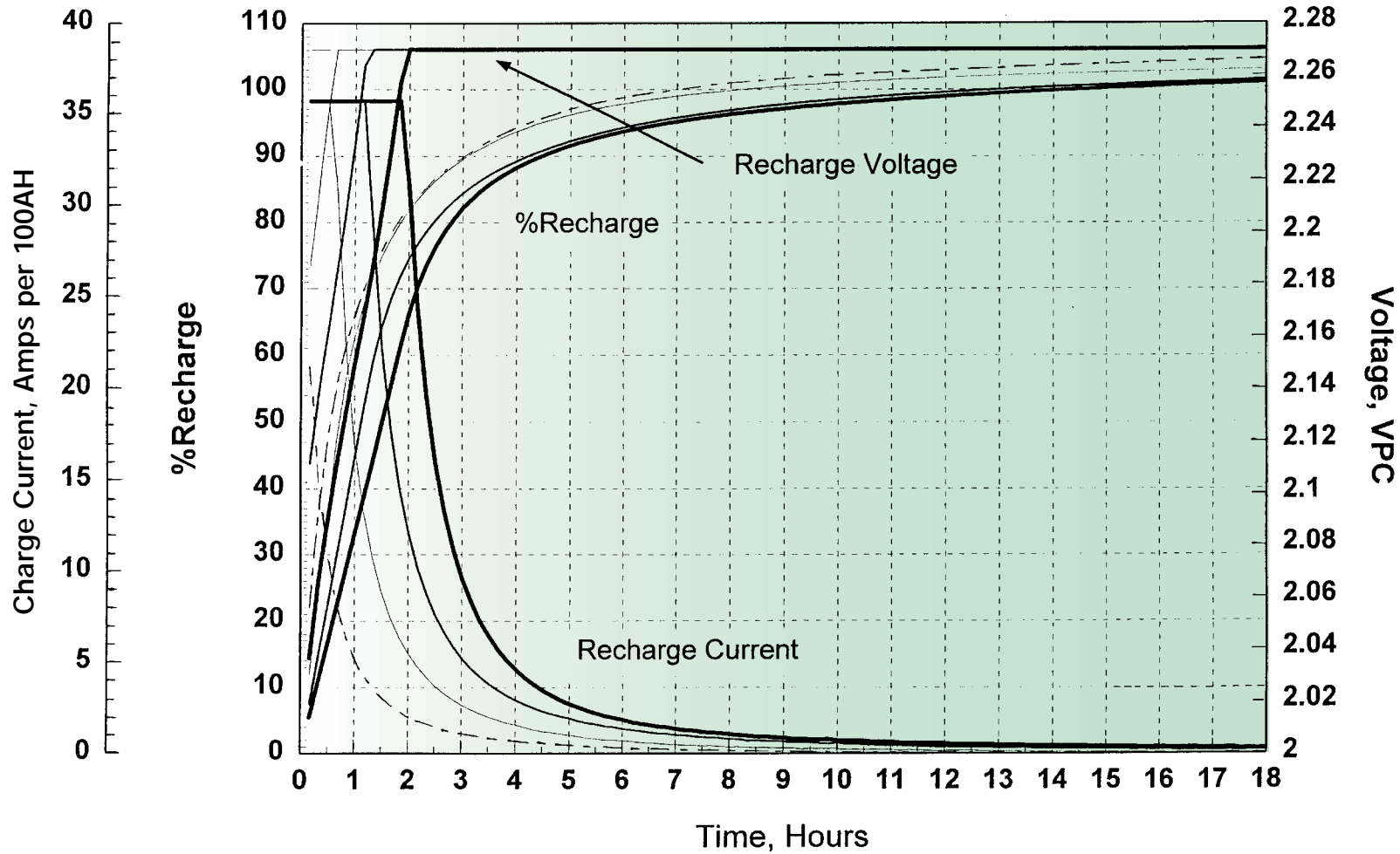


MARATHON
TM

M12V155FT - Performance Curves @ 25°C (77°F)



Recharge Characterization 2.27 VPC Float @ 25°C (77°F)



----- 20% DOD _____ 50% DOD _____ 80% DOD _____ 100% DOD

GLOBAL OPERATIONS

NORTH AMERICA

GNB Industrial Power
Lombard, Illinois U.S.A.
TEL: 1.630.629.5200
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MIDDLE EAST/AFRICA

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JAPAN

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Exide Technologies
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FAX: 86.10.6510.2912

LATIN AMERICA

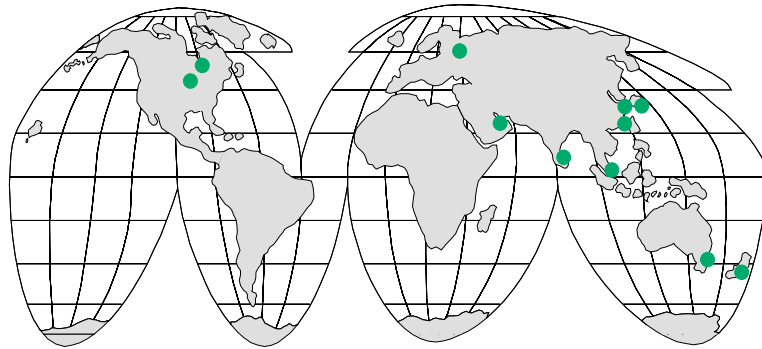
GNB Industrial Power
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FAX: 1.630.629.2635

INDIA

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Industry Leader in Network Power



The Network Power Division of Exide Technologies is *the* global leader in stored electrical energy solutions for all major critical reserve power applications and needs. Such network power applications include communication/data networks, UPS systems for computers and control systems, and electrical power generation and distribution systems. With a strong manufacturing base in both North America and Europe and a truly global reach (operations in greater than 80 countries) in sales and service, the Network Power Division has all of the tools necessary to satisfy your power needs.

Based on over 100 years of technological innovation the Network Power Division continues to lead the industry with such recognized global brands as Absolyte, Sonnenschein, Marathon, Sprinter, and Flooded Classic. These products and brands are synonymous with quality, reliability, performance and excellence in all markets served.

In addition to being the leader in delivering premium products to the market, Exide Technologies takes pride in it's commitment to the environment. As part of a complete approach to manufacturing, distributing, and recycling lead acid batteries, the Total Battery Management program has been developed to ensure a safe and responsible life cycle for all of our products.

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INDUSTRIAL POWER

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