

Unigy1 12A170FT Battery

Packing More Power and Efficiency into Small Spaces

- Front access design for easy installation and maintenance
- Space saving Absorbed Glass Mat (AGM) construction (48 volt system fits in 23" racks)
- Individual plate formation optimizes cell voltage balance and performance
- Reinforced case resists bulging and meets safety requirements (UL94 V-O)
- Computer-aided design and manufacturing control processes and standards to ensure quality products
- All Batteries meet or exceed IEEE 485 and Telcordia capacity requirements
- Battery design and construction meet UL recognition requirements



| Specifications | |
|----------------------|---|
| Voltage | 12 Volts |
| Capacity | 170 Ah at 8 hour rate to 1.75 final volts/cell |
| Dimensions | 22.00" (558.8 mm) L X 4.90" (124.5 mm) W X 12.60" (320 mm) |
| Float Voltage: | 2.25 volts per cell +/- 0.01 vpc (Range: 13.44 to 13.56 volts per |
| Positive Plate: | Pure lead, low-calcium, high-tin alloy |
| Negative Plate | Lead calcium alloy |
| Post Seal | Epoxy-sealed |
| Float Life: | 10 years at 25°C (77°F) |
| Container and Cover: | Flame-retardant, polypropylene – UL 94 V-0/>28% L.O.I. |
| Terminal | Front Access 1/4" – 20 studs |
| Safety Vent | Low positive pressure, self-sealing w/ flame arrestor |
| Weight | 120 lbs. (54.4kg) |
| Float Life: | 10 years at 25°C (77°F) |

| Discharge Rate in Amps @77° F | | | | | | | | |
|-------------------------------|-------|-------|-------|-------|--------|--------|--------|--------|
| Volts Per C | 1 Hr. | 3 Hr. | 5 Hr. | 8 Hr. | 10 Hr. | 12 Hr. | 20 Hr. | 24 Hr. |
| 1.75 | 108 | 46.1 | 30.8 | 21.2 | 17.4 | 14.8 | 9.38 | 7.96 |
| 1.80 | 103 | 45.3 | 30.3 | 20.9 | 17.2 | 14.6 | 9.25 | 7.84 |
| 1.85 | 94.4 | 43.4 | 29.2 | 20.2 | 16.6 | 14.1 | 8.93 | 7.56 |
| 1.88 | 88.0 | 41.3 | 27.9 | 19.4 | 15.9 | 13.5 | 8.56 | 7.25 |
| 1.90 | 83.1 | 39.5 | 26.8 | 18.6 | 15.3 | 13.0 | 8.22 | 6.96 |

With our wide range of product offerings along with extensive application notes, development tools, pre- and post-sales support including technical support, Lineage Power can provide a total solution to your current and future powering needs.

Lineage Power is the industry's most trusted provider of reliable and innovative power conversion solutions, holding more than 400 power supply patents. A long-standing leader in the telecom industry, Lineage Power leverages an 80-year design history that includes highly regarded companies like Bell Labs, Western Electric, AT&T, Lucent Technologies and most recently, Tyco Electronics. Engineering talent, superior service and energy efficient solutions make Lineage Power the right choice for addressing your power requirements and network challenges.