



GENERAL FEATURES

- **Long Service Life** - Thick plate design and efficient gas recombination yield a service life expectancy of up to 10 years in standby mode.
- **Low Internal Resistance** - Superb high-rate discharge characteristics ensure reliable performance in UPS and Telecom applications.
- **Maintenance-Free, Non-Spillable** - Proven VRLA technology guarantees safe operation without maintenance and 'non- restricted article' status for transportation.
- **Low Self-Discharge** - Lead-calcium alloy grids and use of high purity lead account for superior shelf-life characteristics permitting storage for extended periods of time.
- **Designed-In Reliability** - Cutting-edge manufacturing and process control combined with meticulous quality assurance procedures guarantee consistent and dependable performance

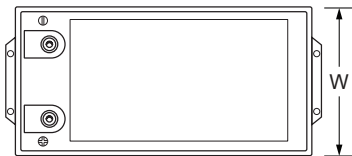
PERFORMANCE SPECIFICATIONS

| | | |
|--|--------------------------|---------------|
| Nominal Voltage | 12V(6 cells) | |
| Design Floating Life @25°C | 12 Years | |
| Nominal Capacity @25°C | 20 hour rate | 230.00Ah |
| | 10 hour rate | 225.00Ah |
| | 5 hour rate | 197.00Ah |
| | 3 hour rate | 177.90Ah |
| | 1 hour rate | 130.90Ah |
| Internal Resistance | Full Charged | <3mΩ |
| | Battery@25°C | |
| | | |
| Energy Density (20-hr. rate) | 94.23W-h/l | |
| Specific Energy (20-hr. rate) | 41.19W-h/kg | |
| Shelf Life (nominal capacity at 20°C) | 1 Month | 97% |
| | 3 Months | 91% |
| | 6 Months | 83% |
| Max Short-Duration Discharge Current | 10 Sec | 686.40A |
| | Initial Charging Current | |
| Standby Use Charge (Constant Voltage) @25°C | Less than | 69.0A |
| | Voltage | 13.6-13.8 V |
| Cycle Use Charge (Constant Voltage) @25°C | Initial Charging Current | |
| | Less than | 69.0A |
| Operating Temperature Range | Charge | -20°C to 50°C |
| | Discharge | -40°C to 60°C |

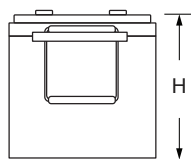
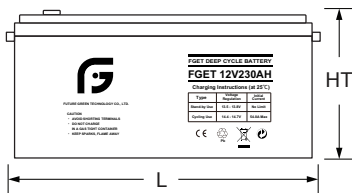
GENERAL FEATURES

mm

Unit: mm



| | |
|--------------|---------|
| Length | 522±1 |
| Width | 240±1 |
| Height | 220±1 |
| Total Height | 226±1 |
| Weight(kg) | 67.0±3% |

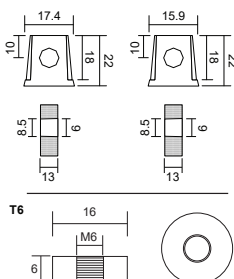


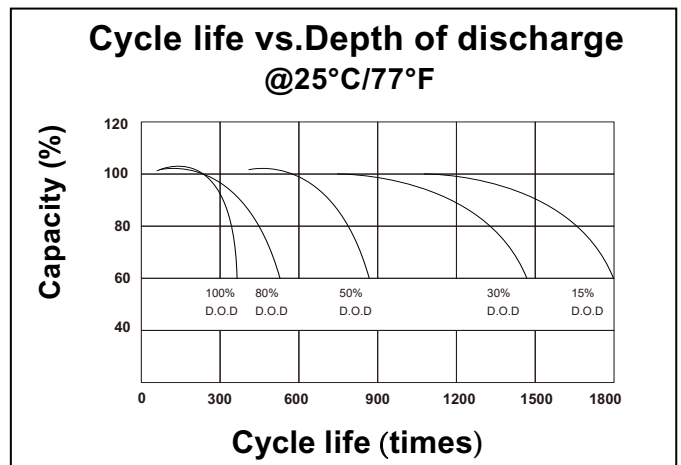
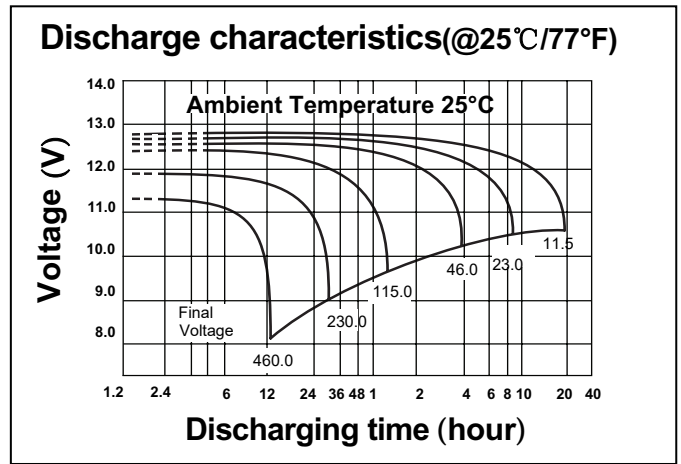
TERMINALS

mm

- U: Universal terminals: Heavy-duty posts with 'nut & bolt' fasteners
- T6: Threaded insert w. 6 mm stud fastener

U: Positive Terminal U: Negative Terminal





CONSTANT CURRENT DISCHARGE RATINGS (Amperes at 25°C)

| F.V/Time | 10MIN | 15MIN | 30MIN | 1HR | 2HR | 3HR | 4HR | 5HR | 8HR | 10HR | 20HR |
|----------|-------|-------|-------|-------|------|------|------|------|------|------|------|
| 9.60V | 456.2 | 359.6 | 208.4 | 130.9 | 80.8 | 60.2 | 48.1 | 40.6 | 27.7 | 23.5 | 12.0 |
| 10.0V | 441.0 | 348.8 | 204.1 | 128.4 | 79.4 | 59.3 | 47.5 | 40.1 | 27.4 | 23.2 | 11.8 |
| 10.2V | 421.1 | 334.7 | 198.3 | 125.1 | 77.6 | 58.1 | 46.6 | 39.4 | 27.0 | 22.9 | 11.7 |
| 10.5V | 394.6 | 315.7 | 190.4 | 120.7 | 75.1 | 56.4 | 45.4 | 38.5 | 26.4 | 22.5 | 11.5 |
| 10.8V | 359.1 | 290.1 | 179.6 | 114.5 | 71.7 | 54.1 | 43.7 | 37.2 | 25.6 | 21.9 | 11.2 |
| 11.1V | 310.6 | 254.9 | 164.3 | 105.7 | 66.7 | 50.7 | 41.2 | 35.3 | 24.4 | 21.0 | 10.8 |