

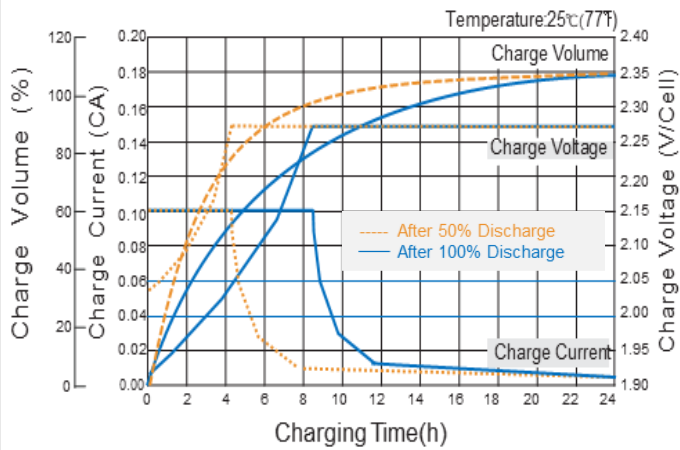
Valve-regulated lead acid (VRLA) battery with absorbed glass mat (AGM) technology provides high economic performance.

Suitable for various applications such as security system, emergency lighting and other general stand-by power applications.



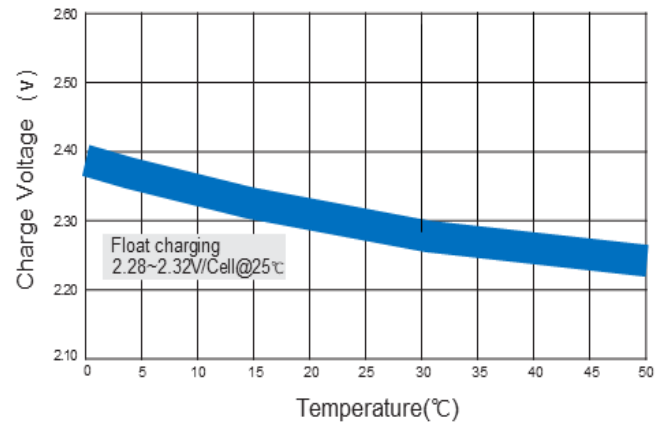
| BATTERY MODEL | TERMINAL | CASE MATERIAL |
|--|------------------------------------|-----------------|
| NE12-12 | Faston 187 (F1) Faston 250 (F2) | ABS/UL94-HB |
| Nominal Voltage (V) | | 12 |
| 20-hr rate Capacity to 10.5V at 25°C (Ah) | | 12 |
| 10-hr rate Capacity to 10.5V at 25°C (Ah) | | 11.2 |
| DIMENSIONS | | |
| Length (mm) | | 151 |
| Width (mm) | | 98 |
| Height over terminals (mm) | | 101 |
| Weight (kg) | | 3.5(±5.0%) |
| OPERATING TEMPERATURE RANGE | | |
| Storage (in fully charged condition) | | -15°C to + 40°C |
| Charge | | -0°C to + 40°C |
| Discharge | | -15°C to + 40°C |
| STORAGE | | |
| Capacity loss per month at 25°C (% approx.) | | 3 |
| *NE series batteries can be stored for up to six months at 25°C. During the storage, recharge the battery at least every six month. | | |
| CHARGE VOLTAGE | | |
| Float charge voltage at 25°C (V)/Battery | | 13.7-13.9 |
| Float charge voltage temperature correction factor from standard 25°C (mV)/°C/Cell | | -3 |
| Cyclic (or Boost) charge voltage at 25°C (V)/Battery | | 14.6-14.8 |
| Cyclic charge voltage temperature correction factor from standard 25°C (mV)/°C/Cell | | -4 |
| CHARGE CURRENT | | |
| Maximum charge current (A) | | 3.6 |
| DISCHARGE CURRENT | | |
| Maximum continuous discharge current, 5 sec. (A) | | 120 |
| Short circuit current (A) | | 590 |
| IMPEDANCE | | |
| Measured at 1 kHz (mΩ) | | 17 |
| DESIGN LIFE | | |
| YUVOLT design life at 25°C | | up to 3 years |

CHARGE CHARACTERISTICS

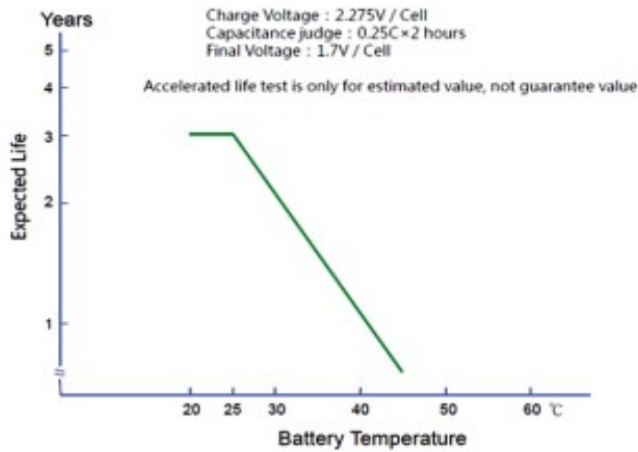


CHARGE VOLTAGE

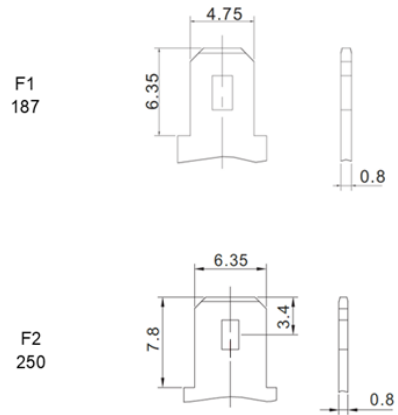
Relationship Between Temp and Charge Voltage



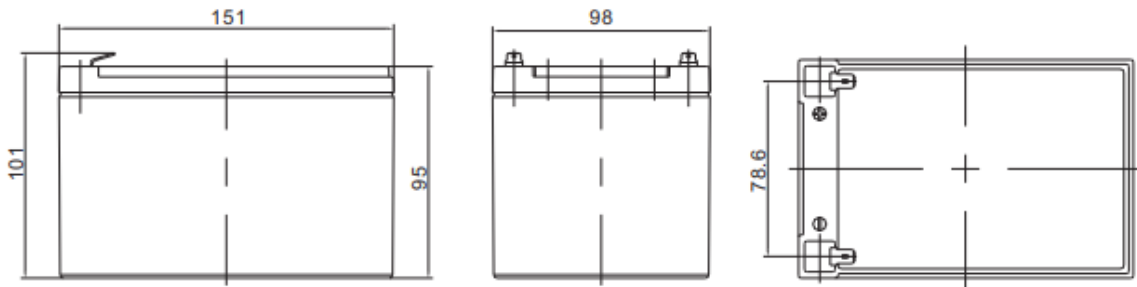
FLOAT SERVICE LIFE



TERMINALS



DIMENSIONS



*Please do not use this product for medical devices or medical purposes. It is not designed for these usages.

GS Yuasa International, Ltd.

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