

VRLA / SLA Battery series is designed with AGM (Absorbent Glass Mat). In High Performance Plate with Anticorrosion Powder in Purify Electrolyte. Innovation Design of Fully Maintenance Free in Float Life 5 years. This is Highly Suited to Backup Applications in UPS/EPS, Security Alarm System, Emergency Light and other applications

Feature

- Smart UPS Battery Design up to 10%
- Battery Capacity 26Ah / 800W-5min
- AGM/SLA - Seal Lead Acid Battery
- Maintenance Free Battery Operation
- Non-Spillable Construction Design
- ABS container & Cover UI94HB-0
- Safety Value in explosion proof
- CE & UL Product Certification
- ISO9001 & ISO14001 Certified Factory

Application

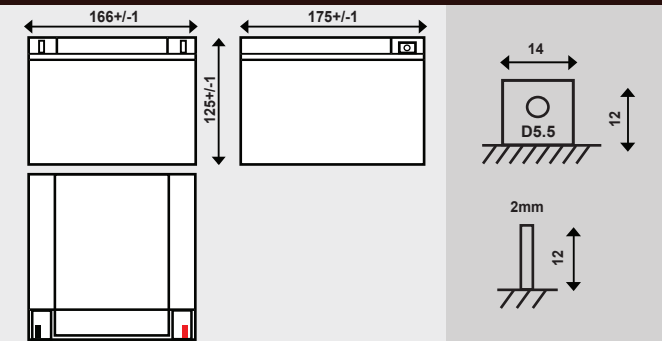
- UPS & EPS
- Emergency System
- Communication Eq.
- Security System
- Control Equipment
- Solar System
- Medical Equipment
- Cable TV & CCTV

Specifications

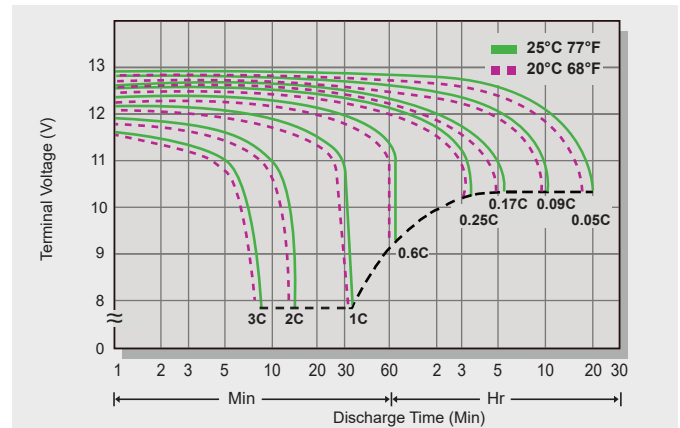
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|----------------------|---------------------|---------------------|
| Voltage Normal | : 12 VDC | in 6 Cell |
| Capacity @20Hr | : 26.0Ah | @1.35A/ 16.5W |
| @ 5Hr | : 21.0Ah | @4.23A/ 54.7W |
| @ 1Hr | : 15.7Ah | @15.7A/ 190W |
| @15min | : 10.6Ah | @42.6A/ 470W (*UPS) |
| @ 5min | : 6.5Ah | @77.7A/ 800W (*UPS) |
| Max. Discharge | : 380A | @14C |
| Max. Charge Current | : 7.80A | @0.3C |
| Internal Resistance | : Apporx. 15 mΩ | Full Charge at 25°C |
| Design Float Life | : 5 years | at 25 °C |
| Cycle Lift Service | : 1500 cycles | at DOD 25% |
| Float Charge Voltage | : 13.5-13.8V | (-20mV/°C) at 25°C |
| Cycle Charge Voltage | : 14.4-15.0V | (-30mV/°C) at 25°C |
| Operation Temp. | : Normal | 25+/- 3 °C |
| | : Discharge | -15 – 50 °C |
| | : Charge | -15 – 50 °C |
| | : Storage | -15 – 50 °C |
| Self Discharge | : more than 6 Month | at 25°C |
| Terminal | : T14-M5 | |
| Container Material | : ABS UL94 HB-0 | (Option :UL94V-0) |
| Physical | : 175x166x125mm | – 8.0 Kgs |



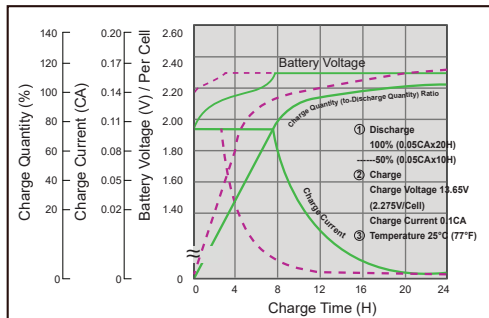
Dimension 175x166x125mm Weight = 8.0kgs @T12m5



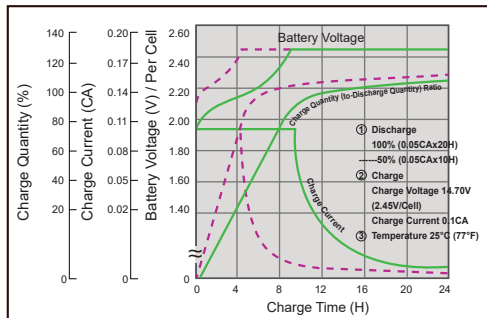
Terminal Voltage (V) and Discharge Time



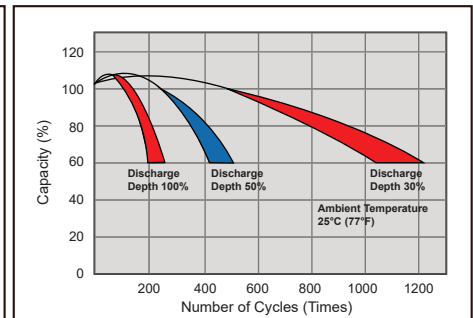
Battery Voltage and Charge Time for Standby Use



Battery Voltage and Charge Time for Cycle Use



Cycle Service Life



Constant Current(Amp) and Power (Watt/Box) Discharge Table

VRLA-Battery Performance : %DOD, Constant Current, Constant Power (25°C / 10.2 F.V.)

| Discharge Time | 5 Min | 10Min | 15Min | 20Min | 30Min | 60Min | 2Hr | 3Hr | 5Hr | 10Hr | 20Hr |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| %DOD | 23% | 32% | 38% | 42% | 46% | 55% | 68% | 75% | 80% | 95% | 100% |
| Cons.Current | 77.7A | 54.9A | 42.6A | 35.8A | 26A | 15.7A | 9.65A | 7.07A | 4.23A | 2.52A | 1.35A |
| Cons. Power | 800W | 600W | 470W | 394W | 295W | 190W | 110W | 81.6W | 54.7W | 30.3W | 16.5W |