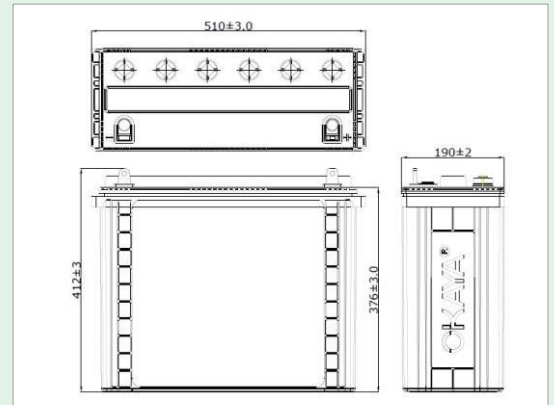




BATTERY DIMENSIONS



SPECIFICATION

| | | |
|--------------------------|---------------------|-----------------------|
| Nominal Voltage | | 12 V |
| Capacity (20HRS, 27°C) | | 220 AH |
| Dimension | Length (±3mm) | 510 mm (20.07 inch) |
| | Width (±3mm) | 190 mm (7.48 inch) |
| | Total Height (±3mm) | 412 mm (16.22 inch) |
| Approx Net Weight (±3%) | | 65.1 Kg (143.50 lbs) |
| Design Life | | 5 ~ 7 Years |

CHARACTERISTICS

| | | |
|--|-------------------------------|-------------------------|
| Capacity (@27°C) | 20 HRS Rate | 220AH |
| | 10 HRS Rate | 176AH |
| | 5 HRS Rate | 150AH |
| Nominal Backup @ 400 wa (27°C) | | 240min |
| AH Efficiency (%) | | 93.43 |
| Wh Efficiency (%) | | 80.66 |
| Self Discharge (27°C) | 3 Month Storage | Remaining Capacity: 90% |
| | 6 Month Storage | Remaining Capacity: 80% |
| Operating Temperature Range | Discharge | -15°C ~ 50°C |
| | Charge | -15°C ~ 50°C |
| | Storage | -15°C ~ 40°C |
| OCV at 100% SOC | | 12.60 - 12.70 |
| Charge Methods (CV Charge - 27°C) Cyclic Use | Cycle Use 14.4 to 14.6 volt | |
| | Max. Current 22A | |
| | Temp Compensa on 15mV/°C | |
| Charge Methods (CV Charge - 27°C) Float Use | Standby Use 13.5 to 13.8 volt | |
| | Max. Current 22A | |
| | Temp Compensa on 15mV/°C | |

TECHNICAL FEATURES

- 1) HADI TALL Tubular Technology
- 2) Uniform micro hardness of Spine Grid
- 3) Corrosion Resistant
- 4) Long Life
- 5) Highest Reliability and Consistant Backup
- 6) Very Low Self Discharge
- 7) Suitable for deep cyclic applica ons

APPLICATIONS



INVERTER & SOLAR



Telecom Communication Equipments



Fire Alarm & Security Systems



Medical Instruments



Computer Backup



Electronic PABX system

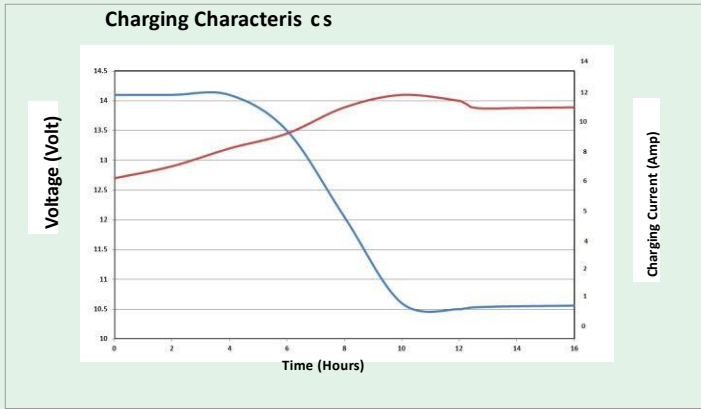


Power plant and substations

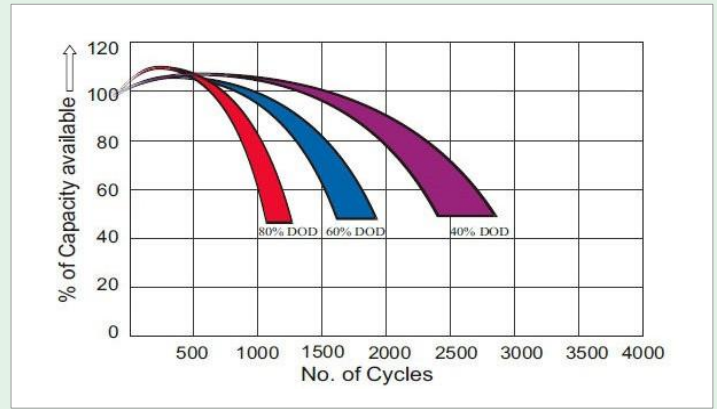


Process instrumentat i on and control

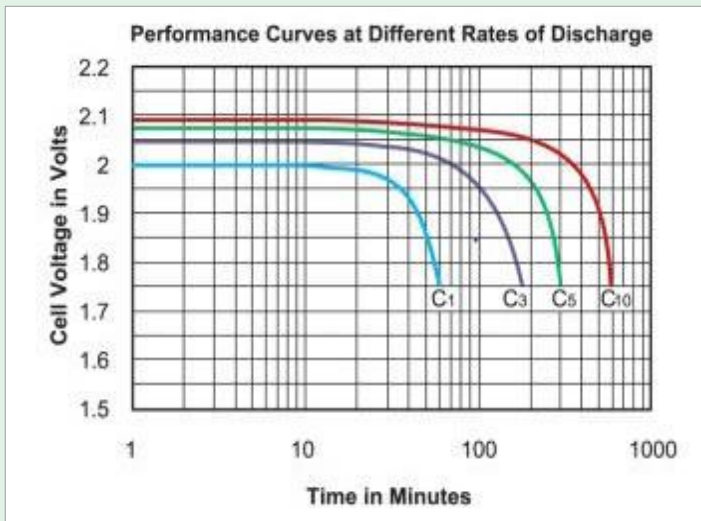
FLOAT CHARGING CHARACTERISTICS



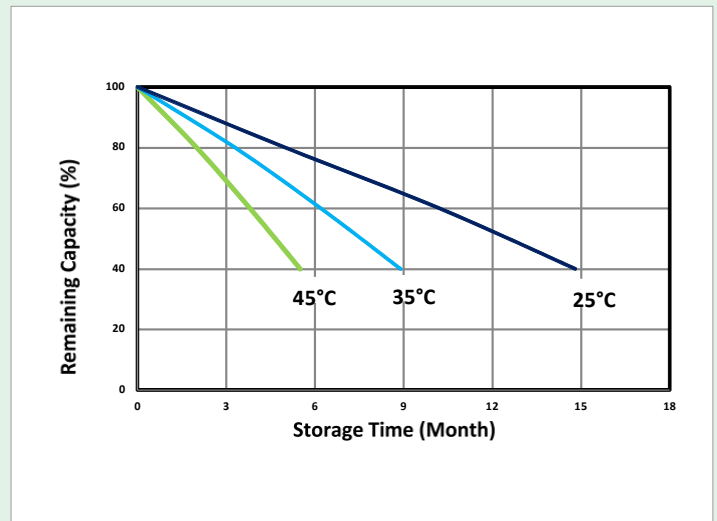
CYCLE SERVICE LIFE @ 27 °C



DISCHARGE CHARACTERISTICS



SELF DISCHARGE CHARACTERISTICS



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