



SMF VRLA BATTERY



Quick
Recharge



High-end
Application



Environment
Friendly



Recyclable
Product



Doorstep
Maintenance



Low Self
Discharge

#MorePowerToYou

Customer Care : +91 8860558877

UPS VRLA BATTERIES

Sealed Maintenance Free VRLA Batteries with designed features which give a higher performance and reliability, better suited to Indian conditions.

FEATURES

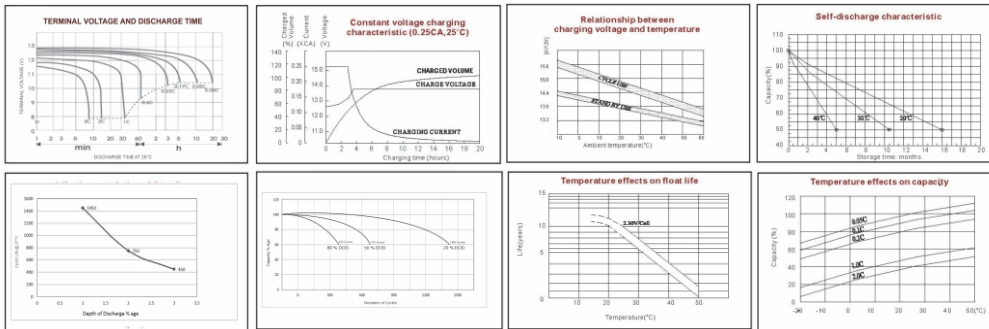
- Thin plate pure lead (TPPL) provides a large reactive surface area and low internal resistance.
- High energy density and cycling capability.
- An exceptional deep discharge recovery performance.
- Extra durability and deep cycle ability for heavy demand applications.
- Low self-discharge characteristics.
- Thin plate pure lead (TPPL) batteries can be recharged within a short period of time.
- Gas Emission is extremely low.
- "ABS" Container Material.
- Separator: AGM (Absorbive Glass Mat)

APPLICATION: UPS System, Telecommunication Equipment, Fire Alarm & Security Systems, Office Automation Equipment, Data Centre, Power Plant, Railways & various other applications

GENERAL SPECIFICATIONS

| Battery Type | Capacity (Ah) | No. of Cells | Nominal Voltage (V) | Length (mm) | Width (mm) | Height (mm) |
|--------------|---------------|--------------|---------------------|-------------|------------|-------------|
| TPSMF-42 | 42 | 6 | 12 | 198 | 166 | 170 |
| TPSMF-65 | 65 | 6 | 12 | 350 | 169 | 174 |
| TPSMF-80 | 80 | 6 | 12 | 330 | 172 | 223 |
| TPSMF-100 | 100 | 6 | 12 | 330 | 172 | 223 |
| TPSMF-120 | 120 | 6 | 12 | 407 | 173 | 240 |
| TPSMF-150 | 150 | 6 | 12 | 520 | 240 | 222 |
| TPSMF-200 | 200 | 6 | 12 | 522 | 239 | 223 |

PERFORMANCE CHARACTERISTICS



Design Cyclic Life @ 27°C

at 20% DOD: 1450 cycles

at 50% DOD: 700 cycles

at 80% DOD: 425 cycles

FINAL VOLTAGE SETTINGS RECOMMENDED ACCORDING TO THE DISCHARGE CURRENT

| Discharge Current I (A) | $I \leq 0.08C$ | $0.08C \leq I < 0.2C$ | $0.2C \leq I < 0.6C$ | $0.6C \leq I < 1.0C$ | $I \geq 1.0C$ |
|-------------------------|-------------------|-----------------------|----------------------|----------------------|-------------------|
| Final of Voltage | $\geq 1.85V_{pc}$ | $\geq 1.80V_{pc}$ | $\geq 1.75V_{pc}$ | $\geq 1.70V_{pc}$ | $\geq 1.60V_{pc}$ |

Products performance confirms to: IEC60896-21 & 22, JIS C 8702-Part-1,2,3

Channel Partner/Dealer



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