

AUTOMOTIVE BATTERIES DATA SHEET

Model: MAS-MX32B20HD (L)

Features

- Polypropylene Container with ribs to withstand extreme road conditions and vibration resistant.
- Ca-Ca Alloy System ensures the battery can withstand the temperate environment and high under-bonnet temperatures and minimized Water Loss.
- Optimized Negative paste recipe for fast charge acceptance.
- Low Self Discharge.
- Ready-to-use: Batteries delivered factory-charged in ready-to-use condition



Battery Applications

Automobiles

TECHNICAL SPECIFICATIONS

| Model | MAS-MX32B20HD (L) | |
|--------------------------------|--------------------------------------|-------------|
| Rated Capacity at 20 hour Rate | 35Ah | |
| Battery Nominal Voltage | 12V | |
| Dimensions | Length | 195±2mm |
| | Width | 127±2mm |
| | Height up to Terminal | 222±2mm |
| Fully Charged Battery | Electrolyte Specific Gravity at 27°C | 1.260±0.005 |
| | Battery Weight (with electrolyte) | 10 Kg. |
| Terminal Details | 'T1' | |
| Lay Out Details | Left | |

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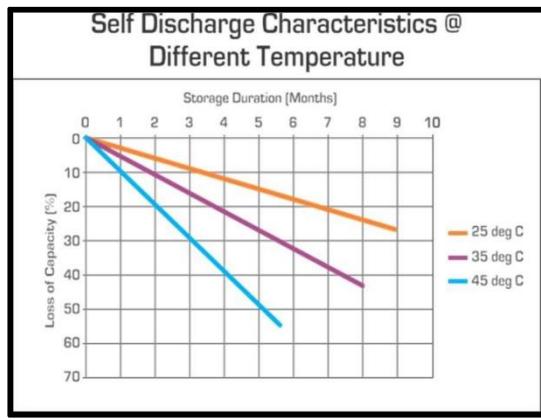
BATTERY CHARGING

| Model | MAS-MX32B20HD (L) | |
|--------------------------------|--------------------------|-----|
| Constant Current Charging (CC) | Maximum Charging current | 3.2 |

ELECTRICAL PERFORMANCE

| | | |
|-----------------------------------|---------------------|------------|
| Capacity at 27°C | 20 Hour Rate (Ref.) | 32 Ah |
| | 5 Hour Rate | 25 Ah |
| Reserve Capacity | | 35 Minutes |
| Cold Cranking Performance @ -18°C | | 230 A |
| Water Loss | | < 0.9g/Ah |

Open circuit Voltage & Specific Gravity Vs SOC



| State of Charge | Specific Gravity | Voltage |
|-----------------|------------------|---------|
| 100% | 1.260 | 12.7V |
| 75% | 1.225 | 12.4V |
| 50% | 1.190 | 12.1V |
| 25% | 1.155 | 12.0V |
| 0% | 1.120 | 11.8V |

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