

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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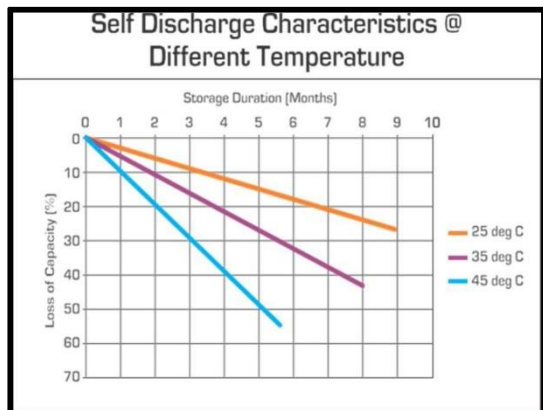
BATTERY CHARGING

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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