

## Technical Information

The Hardcore MFN180A is an high capacity, maintenance free battery designed to suit applications requiring an N150 Euro case. The full frame stamped grids deliver high starting power and excellent corrosion resistance.

The MFN180A is engineered & manufactured in Germany to satisfy OEM requirements.

## Features & Benefits

- Full Frame stamped grids
- Excellent corrosion resistance
- Engineered & manufactured in Germany
- High cranking power
- Correct DIN case size for easy installation

## Applications

European Trucks

European Buses

European Tractors

Industrial & Construction Machinery

## Technical Specifications

<b>Battery Type</b>	Maintenance Free	<b>Case Material / Colour</b>	Polypropylene / Black
<b>Voltage</b>	12V	<b>Lid Type</b>	Maintenance Free
<b>Capacity (20Hr)</b>	180Ah	<b>Grid Type</b>	Full Frame Positive Grids
<b>CCA (-18°C, EN)</b>	1400A	<b>Separator Type</b>	Low resistance PE separators
<b>CCA (-18°C, SAE)</b>	1500A		
<b>Terminal Type</b>	SAE Std.	<b>Assembly Layout</b>	LHP [+ -]
<b>Overall Size (LxWxH)</b>	513 x 223 x 223mm	<b>Case Size</b>	N150 EURO, DIN B
<b>Nominal Weight</b>	40.4kg	<b>Ledges</b>	None