

**MONBAT Premium SMF NP89L4X0\_1 90 Ah**

According to EN 50342



**Premium**  
SEALED MAINTENANCE FREE



**Electrical specification**

<b>Voltage:</b>	<b>12V</b>
<b>Capacity C<sup>20</sup>:</b>	<b>90 Ah</b>
<b>Cold cranking current:</b>	<b>820 A [EN]</b>
<b>Cold cranking current:</b>	<b>490 A [DIN]</b>

**Mechanical specification**

<b>Dimensional group:</b>	<b>L4</b>
<b>ETN reference:</b>	<b>590 046 082 SMF</b>
<b>DIN reference:</b>	<b>59046</b>
<b>Dimensions<sup>A</sup> in mm (LxWxH):</b>	<b>310x175x190</b>
<b>Cell Layout:</b>	<b>0</b>
<b>Terminal Type:</b>	<b>1</b>

**Container**

<b>Case</b>	<b>Material</b>	<b>Polypropylene</b>
	<b>Bottom hold-down</b>	<b>B13</b>
	<b>Colour</b>	<b>Grey</b>

<b>Lid</b>	<b>Material</b>	<b>Polypropylene</b>
	<b>Cover design</b>	<b>SMF</b>
	<b>Colour</b>	<b>Grey</b>

<b>Vent caps</b>	<b>Material</b>	<b>Polypropylene</b>
	<b>Type</b>	<b>SMF</b>
	<b>Colour</b>	<b>Grey</b>

<b>Handles</b>	<b>Material</b>	<b>Polypropylene</b>
	<b>Position</b>	<b>Top - on lid</b>
	<b>Colour</b>	<b>Grey</b>

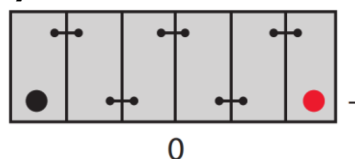
**Battery classification as per EN 50342-6**

<b>Water consumption</b>	<b>Charge retention</b>	<b>Vibration resistance</b>	<b>Endurance Level</b>
<b>W4</b>	<b>C2</b>	<b>V2</b>	<b>E2</b>

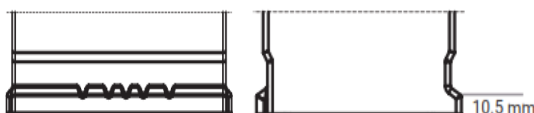
**Weight<sup>B</sup>**

<b>Battery weight in kg:</b>	<b>15.10</b>
<b>Acid weight in kg:</b>	<b>6.30</b>
<b>Total battery weight in kg:</b>	<b>21.40</b>

**Layout**



**Hold-down**



**Separator**

<b>Type</b>	<b>PE</b>
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A. Height taken from bottom of the battery to the highest point on the battery. Heights may vary depending on type of terminal.  
B. Weight may vary ±5%.