

**MONBAT HD EC78JMF0\_1 100 Ah**

According to EN 50342



**HD series**

HEAVY-DUTY VEHICLES



**Electrical specification**

<b>Voltage:</b>	<b>12V</b>
<b>Capacity C<sup>20</sup>:</b>	<b>100 Ah</b>
<b>Cold cranking current:</b>	<b>700 A [EN]</b>
<b>Cold cranking current:</b>	<b>420 A [DIN]</b>

**Mechanical specification**

<b>Dimensional group:</b>	<b>E41</b>
<b>ETN reference:</b>	<b>600 026 070</b>
<b>DIN reference:</b>	<b>-</b>
<b>Dimensions<sup>A</sup> in mm (LxWxH):</b>	<b>413x175x223</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>B0</b>
	<b>Colour</b>	<b>Black</b>

<b>Lid</b>	<b>Material</b>	<b>Polypropylene</b>
	<b>Cover design</b>	<b>FLAT</b>
	<b>Colour</b>	<b>Black</b>

<b>Vent caps</b>	<b>Material</b>	<b>Polypropylene</b>
	<b>Type</b>	<b>M27</b>
	<b>Colour</b>	<b>Black</b>

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

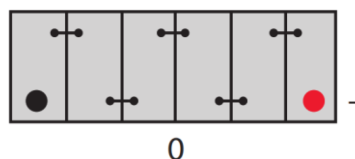
**Battery classification as per EN 50342-6**

<b>Water consumption</b>	<b>Charge retention</b>	<b>Vibration resistance</b>	<b>Endurance Level</b>
<b>W3</b>	<b>C2</b>	<b>V2</b>	<b>E1</b>

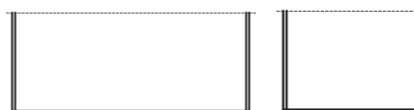
**Weight<sup>B</sup>**

<b>Battery weight in kg:</b>	<b>17.95</b>
<b>Acid weight in kg:</b>	<b>6.35</b>
<b>Total battery weight in kg:</b>	<b>24.30</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%.