

**MONBAT Formula A55L1P0\_1 50 Ah**

According to EN 50342



**Formula**

SEALED MAINTENANCE FREE



GACELL A/S · Sletten 17 · 7500 Holstebro · DK  
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**Electrical specification**

|                                 |                    |
|---------------------------------|--------------------|
| <b>Voltage:</b>                 | <b>12V</b>         |
| <b>Capacity C<sup>20</sup>:</b> | <b>50 Ah</b>       |
| <b>Cold cranking current:</b>   | <b>420 A [EN]</b>  |
| <b>Cold cranking current:</b>   | <b>255 A [DIN]</b> |

**Mechanical specification**

|   |                        |
|---|------------------------|
| <b>Dimensional group:</b>                   | <b>L1</b>              |
| <b>ETN reference:</b>                       | <b>550 027 042 SMF</b> |
| <b>DIN reference:</b>                       | <b>55027</b>           |
| <b>Dimensions<sup>A</sup> in mm (LxWxH)</b> | <b>207x175x190</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>Black</b>         |

|            |                     |                      |
|------------|---------------------|----------------------|
| <b>Lid</b> | <b>Material</b>     | <b>Polypropylene</b> |
|            | <b>Cover design</b> | <b>SMF</b>           |
|            | <b>Colour</b>       | <b>Black</b>         |

|                  |                 |                      |
|------------------|-----------------|----------------------|
| <b>Vent caps</b> | <b>Material</b> | <b>Polypropylene</b> |
|                  | <b>Type</b>     | <b>SMF</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>         |

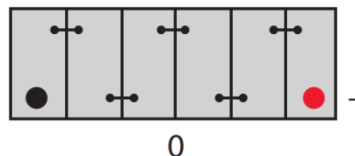
**Battery classification as per EN 50342-6**

|                          |                         |                             |                        |
|--------------------------|-------------------------|-----------------------------|------------------------|
| <b>Water consumption</b> | <b>Charge retention</b> | <b>Vibration resistance</b> | <b>Endurance Level</b> |
| <b>W4</b>                | <b>C2</b>               | <b>V1</b>                   | <b>E1</b>              |

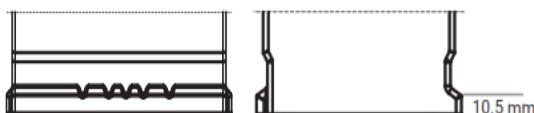
**Weight<sup>B</sup>**

|                                    |              |
|------------------------------------|--------------|
| <b>Battery weight in kg:</b>       | <b>8.30</b>  |
| <b>Acid weight in kg:</b>          | <b>4.20</b>  |
| <b>Total battery weight in kg:</b> | <b>12.50</b> |

**Layout**



**Hold-down**



**Separator**

|             |           |
|-------------|-----------|
| <b>Type</b> | <b>PE</b> |
|-------------|-----------|

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%.