External power supplies

This guide presents the technical documentation that you have to provide if the market surveillance authorities ask for it. There are however other information requirements and requirements on web-information that you always need to fulfil according to the regulations.

<table>
<thead>
<tr>
<th>Technical documentation for external power supplies</th>
<th></th>
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<tr>
<td><strong>Demands</strong></td>
<td><strong>How to comply</strong></td>
</tr>
<tr>
<td>Name and address of supplier</td>
<td>Company name and complete address.</td>
</tr>
<tr>
<td>General description</td>
<td>Description of the model so that it is easily identified (model name and number, size etc.).</td>
</tr>
<tr>
<td>List of applied standards</td>
<td>Applied measurement standards (harmonised standards and/or other standards).</td>
</tr>
<tr>
<td>Identification and signature of the person empowered to bind the supplier</td>
<td>Name and signature of the person responsible for the product.</td>
</tr>
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</table>

**Test results and information about power consumption and efficiency**

**Load conditions**

Percentage of nameplate output current:
- Load condition 1: 100%
- Load condition 2: 75%
- Load condition 3: 50%
- Load condition 4: 25%
- Load condition 5: 0% (no-load)

- The measured power consumption for load condition 5 (no-load) shall not exceed 0.50 W.
- The average efficiency of the product shall not be less than the limits set out in the Regulation Annex 1 point 1(b).

- Measured at load condition 1–4:
  - Root mean square (rms) output current (mA)
  - Root mean square (rms) output voltage (V)
  - Active output power (W)

- Measured at load condition 1–5:
  - Root mean square (rms) input voltage (V)
  - Root mean square (rms) input power (W)
  - Total harmonic distortion (THD)
  - True power factor

- Calculated at load condition 1–4 and measured at condition 5:
  - Power consumption (W)

- Calculated at load condition 1–4:
  - Efficiency

- Arithmetic average at load condition 14:
  - Average efficiency
This guide presents the contents of the Regulations and is addressed to manufacturers, importers and others interested. The guide is not a substitution for the Regulations, and in any case of doubt, the Regulations are applicable. This guide is not legally binding as a binding interpretation can only be made by the EU court.
