

**DATA SHEET, FLUORESCENT TUBE INVERTER ACCORDING TO  
NF F 62-011 (BAT<sup>(3)</sup> -1 x 36 - 1 x 40 - 2 x 18/20 - 72V - NF F 62-011)**

|              |                  |
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| <b>TYPE:</b> | <b>TM 65188D</b> |
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|                           |                      |
|---------------------------|----------------------|
| <b>FLUORESCENT TUBES:</b> | 18 - 36 W / 2 x 18 W |
|---------------------------|----------------------|

**ELECTRICAL CHARACTERISTICS:**

|                                   |               |             |
|-----------------------------------|---------------|-------------|
| INPUT VOLTAGE:                    | NOMINAL:      | 72 VDC      |
|                                   | MIN - MAX:    | 50...90 VDC |
| INPUT CURRENT, $\pm 10\%$ :       | 18 W:         | 0,31 A      |
|                                   | 36 W:         | 0,49 A      |
|                                   | 2 x 18 W:     | 0,52 A      |
|                                   | WITHOUT TUBE: | < 0,1 A     |
| OUTPUT FREQUENCY:                 |               | 22 kHz      |
|                                   | WITHOUT TUBE: | 44 kHz      |
| CREST FACTOR OF THE LAMP CURRENT: |               | < 1,55      |
| EFFICIENCY:                       |               | > 75 %      |

**MECHANICAL CHARACTERISTICS:**

|                           |                         |
|---------------------------|-------------------------|
| DIMENSIONS (WxHxL):       | 65 x 44 x 296 mm        |
| WEIGHT:                   | 460 g                   |
| MATERIAL OF THE PC-BOARD: | FR-4                    |
| MATERIAL OF THE CASING:   | ALUMINIUM               |
| CONNECTORS:               | FLAT CONNECTORS 6,35 mm |

**ENVIRONMENTAL CONDITIONS:**

|                            |  |
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| AMBIENT TEMPERATURE RANGE: | -25°C...+70°C; OPERATION<br>-40°C...+70°C; NO DAMAGE TO INVERTER |
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**EMC:**

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| ACCORDING TO: EN 50121-3-2, 89/336/EEC: EN 55015 |
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**SPECIAL FEATURES:**

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| BOOSTED PRE-HEAT   |
| ALL TEKNOWARE INVERTERS ARE PROTECTED AGAINST REVERSE INPUT VOLTAGE POLARITY AND ALL LAMP FAULT CONDITIONS |

|             |              |             |               |
|-------------|--------------|-------------|---------------|
| WRITTEN BY: | 15.6.1999 EM | UPDATED BY: | 30.04.2001 LT |
| CHECKED BY: |              | CHECKED BY: |               |

We reserve the right to make modifications without prior notice