

## Magix 3kW DC-Pulse Bias 5-350kHz

|                               |   |
|-------------------------------|---|
| <b>Output Power:</b>          | 3kW   |
| <b>Regulation type:</b>       | U (V), I (A), P (W)   |
| <b>Control command:</b>       | Analog (0 - 10 V)<br>RS-232<br>Profibus DP (optional)<br>RS485 (optional)   |
| <b>Digital Input/Output:</b>  | 4 inputs 4 outputs (software customized I/O)                                |
| <b>Analog/Output:</b>         | Real output value, voltage, current or power (0 - 10 V)                     |
| <b>Output voltage:</b>        | 20 - 700VDC « TAPLESS »<br>1600Vp clamped                                   |
| <b>Output current:</b>        | 0-12A   |
| <b>Frequency:</b>             | 5-350kHz, 1kHz increments   |
| <b>Pulse duration:</b>        | 500ns to 5us  |
| <b>Pulse duty cycle:</b>      | 50% to 100%   |
| <b>Arc control:</b>           | reaction time < 1us, selectable<br>Different modes of detection, selectable |
| <b>Accuracy:</b>              | < 0.5 %   |
| <b>Repeatability:</b>         | < 0.2 %   |
| <hr/>                         |   |
| <b>Input Voltage:</b>         | 400V +/- 10%, 3 phase, 50/60Hz no neutral required                          |
| <b>Input Current:</b>         | 6A nominal per phase  |
| <hr/>                         |   |
| <b>Size:</b>                  | 19" rack ( 4U )<br>180mm(H) x 483mm(W) x 660mm(D)<br>(incl. connectors)     |
| <b>Weight:</b>                | 30kg  |
| <b>Operating temperature:</b> | +5°C to + 40°C  |
| <b>relative humidity:</b>     | max 85% non-condensing  |
| <b>air pressure:</b>          | 80 kPa to 106 kPa   |
| <b>Cooling:</b>               | air cool, front - air inlet, rear - air outlet                              |

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