

## Magix 20kW DC-Pulse Bias 5-350kHz

<b>Output Power:</b>	20kW
<b>Regulation type:</b>	U (V), I (A), P (W)
<b>Control command:</b>	Analog (0 - 10 V) RS-232 Profibus DP (optional) 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 » 1600Vp clamped
<b>Output current:</b>	0-50A
<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 Different modes of detection, selectable
<b>Accuracy:</b>	< 0.5 %
<b>Repeatability:</b>	< 0.2 %
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<b>Input Voltage:</b>	400V +/- 10%, 3 phase, 50/60Hz no neutral required
<b>Input Current:</b>	40A nominal per phase
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<b>Size:</b>	19" rack ( 6U ) 270mm(H) x 483mm(W) x 660mm(D) (incl. connectors)
<b>Weight:</b>	67kg
<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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