

# AxD - G4

Fast pulse and pulse reverse power supply  
for Cu, Ni, Cr, Ag and ECM applications



## Smart Power Supply Solution

### Complex processes easy to operate

The power supply system **AxD** represents the most universal power supply solution for electro chemical applications. Whether for the electroplating industry or the machining industry **AxD** power supplies precisely provide you with the current shape you are looking for. Direct current, pulse current, pulse reverse current with quick polarity changes from just one power supply.

Featured with up to 8 (A8D) separately controlled power outputs **AxD** power supplies also support complex bath configurations (multi anodes). The **smart power supply** architecture guarantees highest precision in each operation mode adapting itself to the load condition.

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## Visual Plating Controller (VPC) A control software of its own class

### Technical Data AxD

Mains voltage:	3 x 208 - 480 V / 50 - 60 Hz
Operation modes:	Pulse, pulse reverse, direct current
Pulse times:	0.1 - 1,000 ms
Pulse patterns:	Complexes up to 16 levels
Pulse ratio:	freely selectable
Outputs / device:	1 - 8
Timing:	- synchronous - pseudo synchronous - asynchronous operation
Accuracy:	< 1 %
Cooling:	Air or water
Protection grade:	IP 23 - IP 54
Interface:	Modbus, RS485

### Visual Plating Controller 3.2 (VPC)

- PC Software
- Control of up to 32 AxD power supplies
- Online SCOPE-function
- Ramp function
- Pulse pattern data base
- Ah meter
- Current density function
- Data logging
- Operator Screen



### Compact series (air)



Type	Outputs	I <sub>RMS</sub> *1	I <sub>Pulse</sub> *2	p <sup>3</sup>	W/D/H *4	Weight
Compact S	1-2	400 A	900 A	3.0 kW	350/650/600 mm	100 kg
Compact	1-4	800 A	1.800 A	4.5 kW	495/650/600 mm	120 kg
Compact L	1-4	800 A	1.800 A	6.0 kW	495/650/600 mm	145 kg
Compact XL	1-4	800 A	1.800 A	10.0 kW	495/650/600 mm	160 kg

### Cabinet series (air or water)



Type	Outputs	I <sub>RMS</sub> *1	I <sub>Pulse</sub> *2	p <sup>3</sup>	W/D/H *4	Weight
Cabinet	1-8	2.400 A	7.200 A	26 kW	600/800/2000 mm	660 kg
Cabinet L	1-8	3.200 A	9.600 A	56 kW	800/800/2000 mm	960 kg

\*1: Maximal available effective output current of the power supply

\*2: Maximal available pulse current of the power supply

\*3: Maximal available continuous output power of the power supply (air cooled)

\*4: + 150 mm height - external air supply for compact series; + 200 mm roof top exhaust fan for cabinet series

(Subject to modifications)

## MUNK

**MUNK GmbH**

Gewerbepark 8 + 10  
D-59069 Hamm-Rhynern  
Tel +49 2385 74-0  
Fax +49 2385 74-55  
sales@rectifier.com

**MUNK Service Center East**

Bahnhofstrasse 39  
D-09648 Mittweida  
Germany  
Tel +49 2385 74-20  
Fax +49 2385 74-9920  
sales@rectifier.com

[www.rectifier.com](http://www.rectifier.com)

**MUNK Nederland BV**

De Scheper 314a  
NL-5688 HP Oirschot  
Tel +31 499 582 180  
Fax +31 499 582 185  
sales@munk-nl.com  
www.munk-nl.com

