

AxD - G4

Complex processes easy to operate

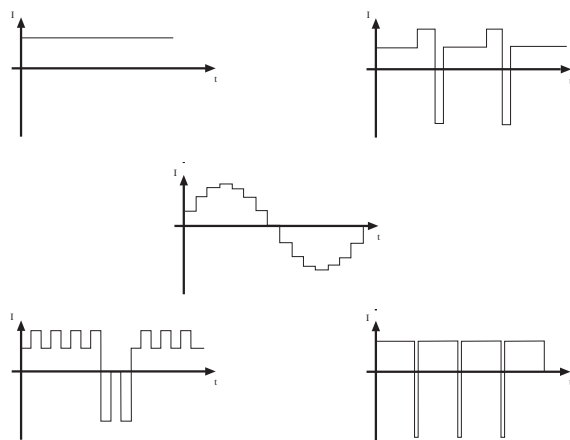
Cabinet series



Compact series



Examples of pulse forms



VPC control software

Smart Power Supply Solution

The power supply system **AxD** represents the most universal power supply solution for electrochemical 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.

AxD - G4

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 and asynchronous operation
Accuracy:	< 1 %
Cooling:	Air or water
Protection grade:	NEMA 2 - NEMA 12
Interface:	Modbus, RS485

Visual Plating Controller 3.0 (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



Compact series (air)



Type	Outputs	I _{RMS} *1	I _{Pulse} *2	P*3	W/D/H *4	Weight
Compact S	1-2	400 A	900 A	3.0 kW	13.8 / 25.6 / 23 in.	220.46 lb
Compact	1-4	800 A	1,800 A	4.5 kW	19.5 / 25.6 / 23 in.	264.55 lb
Compact L	1-4	800 A	1,800 A	6.0 kW	19.5 / 25.6 / 23 in.	319.67 lb
Compact XL	1-4	800 A	1,800 A	10.0 kW	19.5 / 25.6 / 23 in.	352.74 lb

Cabinet series (air or water)



Type	Outputs	I _{RMS} *1	I _{Pulse} *2	P*3	W/D/H *4	Weight
Cabinet	1-8	2,400 A	7,200 A	26 kW	23.6 / 31.5 / 78.7 in.	1455.05 lb
Cabinet L	1-8	3,200 A	9,600 A	56 kW	31.5 / 31.5 / 78.7 in.	2116.44 lb

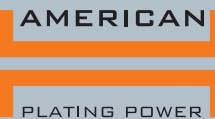
*1: Maximal available effective output current of the power supply

*2: Maximal available pulse current of the power supply

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

*4: + 5.9 inches height - external air supply for compact series; + 7.9 inches roof top exhaust fan for cabinet series

(Subject to modifications)



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