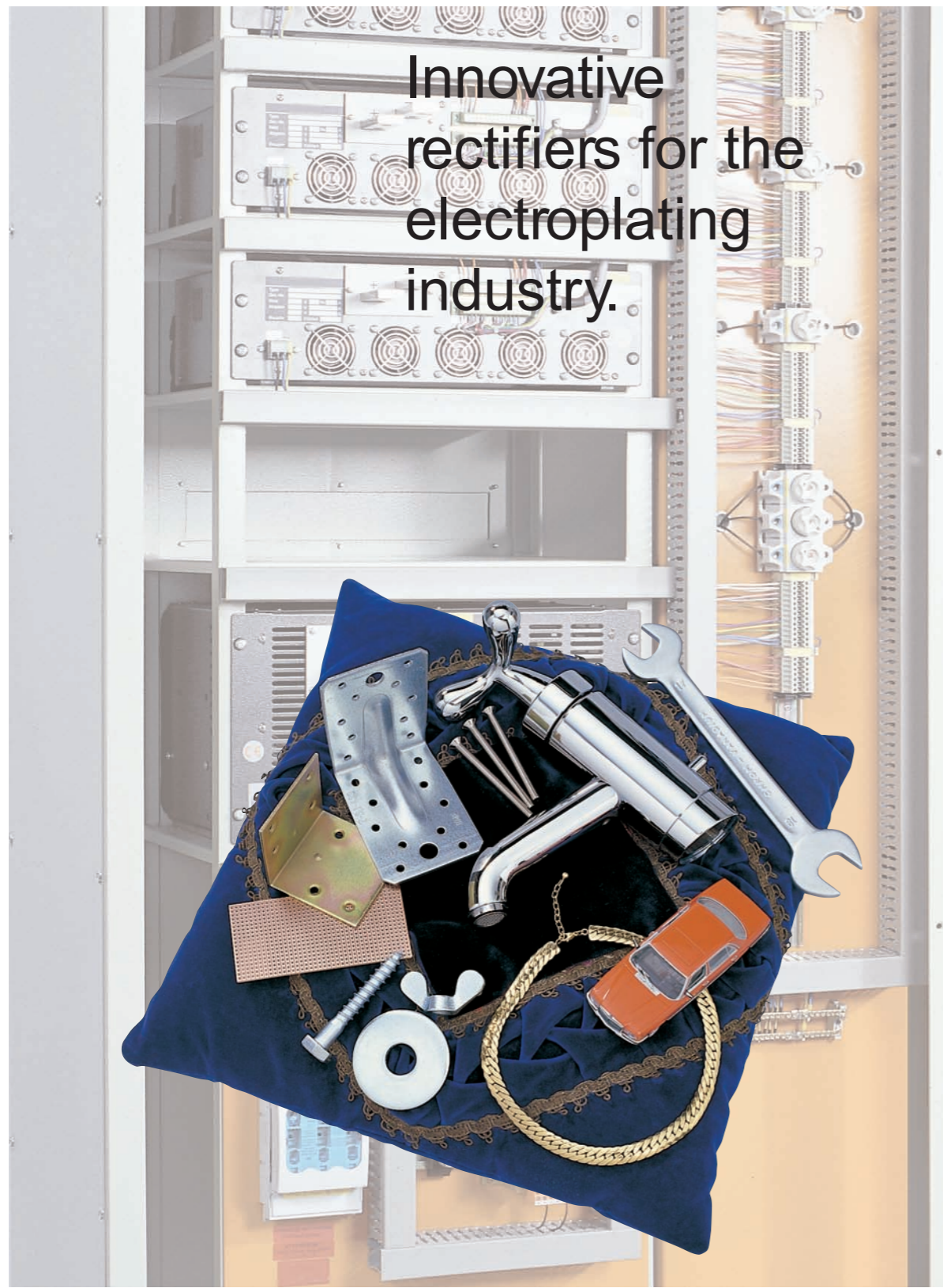


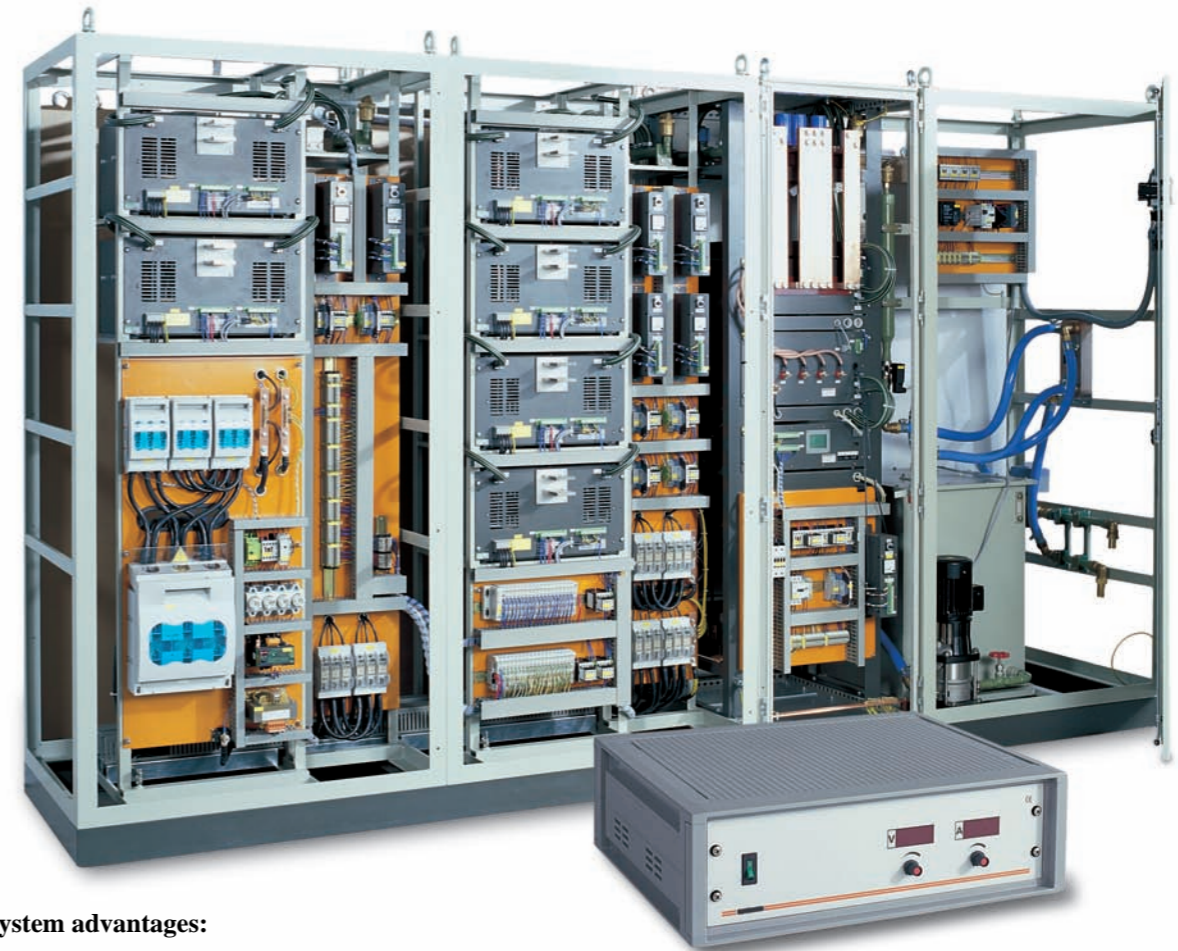
MS-SERIES Rectifiers

Switch Mode Technology

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System advantages:

- Excellent DC quality
- Ripple constantly $< 3\%$
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- High control accuracy $< 1\%$
- High packaging density with low placement requirements
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- Short installation time
- Easy to service

Options:

- Pulse operation
- Polarity switch function
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- Bath short circuit control
- Integrated isolation amplifiers
- Fieldbus interface
- Parallel units for higher output current

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A model for each application



MSA-MODELS 1 x 110V / 230V

Air Cooled

Model	Output Power W (max.)	Dimensions in inches W/D*/H		Weight in lbs		OUTPUT: Voltage Range from 5 V to 50 V (other voltages on request)
		Module	Bench Case	Module	Bench Case	
MSA0025	250	14 / 9.5 / 4.0	12 / 10 / 4.5	8.8	12	Current Range up to 25 A
MSA0050	500	9.5 / 8.7 / 5.1	13 / 14 / 11	12	17	Current Range up to 50 A
MSA0100	1000	11 / 12 / 7.0	13 / 14 / 11	16	20	Current Range up to 100 A
MSA0600	3000	20 / 16 / 5.5	21 / 18 / 7.4	49	51	Current Range up to 600 A

* Length of output terminals or bars not included.
The following increases must be considered: 250W = .78", 500W = .78", 1000W = 1.6", 3000W = 3.15".

MSA-MODELS 3 x 480V

Air Cooled

Model	Output Power kW (max.)	Dimensions in inches W/D*/H		Weight in lbs		OUTPUT: Voltage Range from 5 V to 50 V (other voltages on request)
		19" Plug-in Module	Wall-mounted Case	19" Module	Wall-mounted Case	
MSA1000	6	19 / 17.5 / 10.5	19 / 36 / 12	82	93	Current Range up to 1000 A
MSA0800	10	19 / 17.5 / 10.5	19 / 36 / 12	93	104	Current Range up to 800 A
MSA1500	15	19 / 17.5 / 10.5	19 / 36 / 12	95	106	Current Range up to 1500 A
MSA2000	30		25 / 42 / 12		265	Current Range up to 2000 A

* Length of output bars not included.
The following increases must be considered for modules: 6W = 3.7", 10W = 3.7", 15W = 3.7", 30W = 3.9".

MSW-MODELS 3 x 480V

Water Cooled

Model	Output Power kW (max.)	Dimensions in inches W/D*/H		Weight in lbs		OUTPUT: Voltage Range from 5 V to 20 V (other voltages on request)
		19" Plug-in Module	Cabinet	19" Module	Cabinet	
MSW1000	6	19 / 17.5 / 10.5		82		Current Range up to 1000 A
MSW0800	10	19 / 17.5 / 10.5		93		Current Range up to 800 A
MSW1500	15	19 / 17.5 / 10.5	24 / 16 / 43	95	143	Current Range up to 1500 A
MSW2000	30		24 / 24 / 79		551	Current Range up to 2000 A

* Length of output bars not included.
The following increases must be considered for modules: 6kW = 37.5", 10kW = 37.5", 15kW = 37.5", 30kW = 39.5".

Model	Output Power kW (max.)	Output Current A (max.)	Dimensions in inches W/D/H	Weight in lbs	Device Selection:				
					Output Voltage (V)	6	10	12	15
MSW6000	60	6000	23.6 / 31.5 / 79	max. 1300	6000	6000	5000	4000	3000

Subject to technical alterations. /Other types of construction on request.