

FEATURES:

- CW / QCW 1 channel laser diode driver up to 1200 W
- Remote Shut Down
- Configurable voltage and current versions
- Easy to use 7" touch panel
- Key switch and Laser STOP
- Overload protection
- Ethernet interface or USB or RS232
- Air cooling with temperature-controlled fan
- QCW-Mode by external TTL signal
- Customized solutions possible

NEW DESIGN



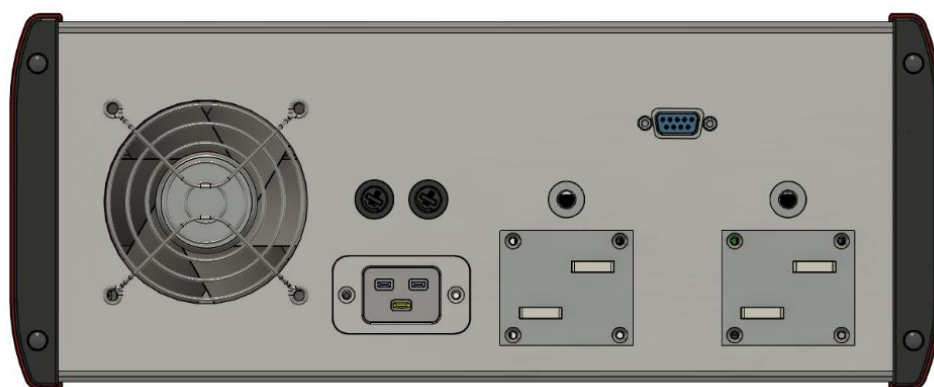
PARAMETERS:

Type	M1200-30	M1200-60	M1200-100	M1000-200
Current output	0 ... 30 Amps	0 ... 60A	0 ... 100A	0 ... 200 Amps
Voltage output	18 ... 58V	9 ... 30V	4,5V ... 15V	1,5V ... 7,5V
Accuracy	<0,5%			
Stability	<0.1%			
Current ripple	< 0,5%rms @ Full Load (BW=20MHz) < 0,03%rms @ Full Load (BW=20MHz) - low noise version			
Trigger rise / fall time	< 500µs < 5ms - low noise version			
Protection circuits	Overcurrent / overvoltage / overtemperature			
Parameter	Common data			
Type	M1200			
Maximum power consumption	1390 Watts			
Power output	1200 Watts			
Weight	6kg			
Voltage input	90 ... 265Vac (Derating < 120Vac)			
Cooling system	Air cooling			
Dimensions [mm]	245x245x145 (Length x Width x Height)			
Location of use	Only for inside use			
Protection class	II			
Degree of protection	IP 20			
Radio interference suppression	DIN EN 55011 class A			
Noise immunity	EN 61000-6-2 (industrial environment)			
Environmental conditions:				
Temperature range:				
Operation:	10 ... 40 °C			
Storage:	-10 ... 60 °C			
Relative Humidity:				
Operation:	≤ 80 % (non-condensing)			
Storage:	≤ 99 % (non-condensing)			
Vertical height of use:				
Operation:	3000 m			
Storage:	12000 m			
Installation position	Horizontal			

FRONT PANEL



REAR PANEL



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