

**DC OUTPUT (max 5000W): 0 - 330 Amps**  
**0 - 1500 Volts**



- U
- I
- P
- OVP
- OT
- USB
- RS232
- LAN
- IEEE
- CAN
- Profibus

### Presentation :

- Specifications:
  - o Height : 3U
  - o 19 inch rack or cabinet
  - o Depth: 380 mm
- Minimum volume and weight for maximum capacity
- Switched mode technology
- Voltage and current controlled by PWM (Pulse Width Modulation)
- On request : programmable voltage/current: 0-10 V or 4/20mA, isolated to 1500 Vrms
- Over-voltage protection (OVP) / Over-temperature protection (OTP)

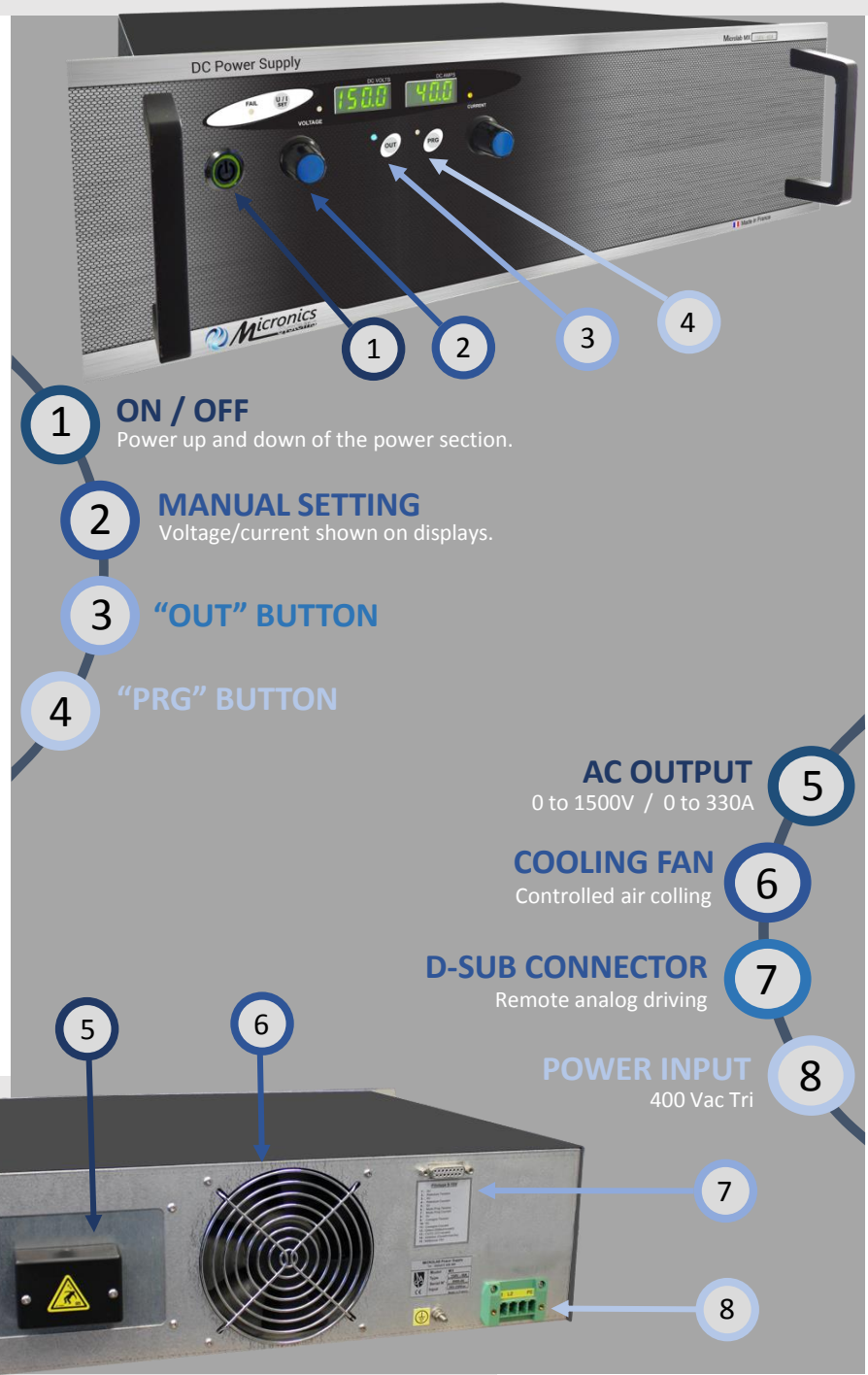
Power : MX 5000W	
Weight : 15 Kg	
Volts	Amps
0 - 15	0 - 330
0 - 30	0 - 160
0 - 50	0 - 100
0 - 75	0 - 66
0 - 100	0 - 50
0 - 150	0 - 33
0 - 180	0 - 27
0 - 250	0 - 20
0 - 350	0 - 14
0 - 750	0 - 6
0 - 1200	0 - 4
0 - 1500	0 - 3



**Descriptions :**

- . Polycarbonate front panel
- . Two-colour On/Off LED: Off = red / On = green
- . Voltage and current adjustable using two 10-turn potentiometers (U-adj and I-adj)
- . Two modes of operation: constant current (CC) and constant voltage (CV) indicated by two LEDs
- . 2000-point digital displays (VOLTAGE/CURRENT)
- . Power output activated by pressing 'OUT'
- . Manual Voltage/Current preset (U/I set push button) shown on displays
- . Power input by standardised pluggable connector
- . Power outputs on insulated terminals or screw terminal block

Power : MX 5000W Weight : 15 Kg	
<b>AC Input</b>	
Voltage	400 Vac Triphase
Power factor	> 0,95
<b>DC Output</b>	
Power	5000W
Voltage	0 to 1500V
Current	0 to 330A
Mode of operation	CV-CC
Residual ripple	< 0,5% of the normal gauge
Accuracy ( Voltage and Current )	< 0,2% of the normal gauge
Stability	< 0,2% of the normal gauge
Linearity	< 0,2% of the normal gauge
Distorsion	< 0,5%
<b>Environment</b>	
Temperature	0 to +40°C ( 55°C derating )
Relative Humidity	85% without condensation
Cooling	Controlled air cooling
Dielectric Rigidity	1500 Vrms



- 1 ON / OFF**  
Power up and down of the power section.
- 2 MANUAL SETTING**  
Voltage/current shown on displays.
- 3 "OUT" BUTTON**
- 4 "PRG" BUTTON**

- 5 AC OUTPUT**  
0 to 1500V / 0 to 330A
- 6 COOLING FAN**  
Controlled air colling
- 7 D-SUB CONNECTOR**  
Remote analog driving
- 8 POWER INPUT**  
400 Vac Tri

**Customisation :**

**Digital control:**

- 2-wire RS 485 / Ethernet / Wifi
- Profibus DP
- Standard : Schneider/ Siemens/Wago/Phoenix...

**Analog control:**

- U and I Inputs/Outputs
- 0-10V or 4-20 mA isolated 1500 Vrms

15-pin D-Sub connector for remote programming

Non-binding document, may be amended without notice.  
Ref: 201218/ MX 5000W

