

**DC OUTPUT (max 6000W): 0 - 400 Amps**  
**0 - 1500 Volts**



U I P OVP OT USB RS232 LAN IEEE CAN Profibus

## Presentation :

- Specifications:
  - Height : 3U
  - 19 inch rack or cabinet
  - 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 6000W Weight : 15 Kg	
Volts	Amps
0 - 15	0 - 400
0 - 30	0 - 200
0 - 50	0 - 120
0 - 75	0 - 80
0 - 100	0 - 60
0 - 150	0 - 40
0 - 180	0 - 32
0 - 250	0 - 24
0 - 350	0 - 16
0 - 750	0 - 8
0 - 1200	0 - 5
0 - 1500	0 - 4

# Stabilized laboratory power-supply MICROLAB DC MX 6000W

## 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 6000W**  
**Weight : 15 Kg**

### AC Input

Voltage	230 Vac Mono + 10% -15%
Frequency	47 / 63 Hz
Power factor	> 0,95

### DC Output

Power	6000W
Voltage	0 to 1500V
Current	0 to 400A
Frequency	15 Hz to 1000Hz
Mode of operation	CV
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%

### Environment

Temperature	0 to +40°C ( 55°C derating )
Relative Humidity	85% without condensation
Cooling	Controlled air cooling
Dielectric Rigidity	1500 Vrms

## Customisation :

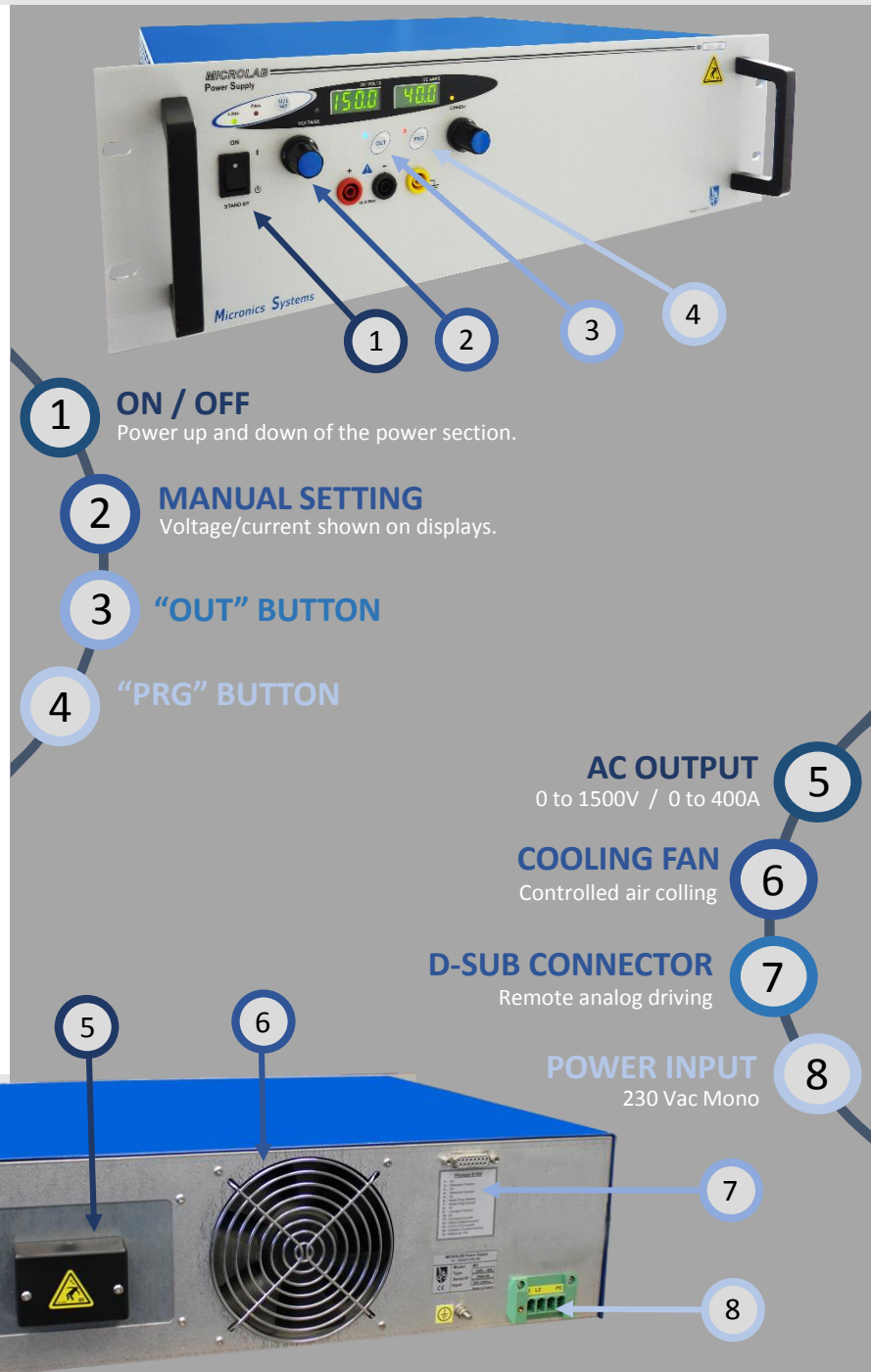
### Digital control:

- 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: 140217 / MX 6000W