

DC OUTPUT (max 300W) : 0 - 20 Amps
0 - 1200 Volts



Presentation :

- Specifications:
 - 19 inch half-cabinet
 - Height : 2U
 - Width: 215 mm
 - Depth: 265 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, isolated to 1500 Vrms
- Over-voltage protection (OVP) / Over-temperature protection (OTP)

Power : MX 300W Weight : 3 Kg	
Volts	Amps
0 - 15	0 - 20
0 - 30	0 - 10
0 - 50	0 - 6
0 - 75	0 - 4
0 - 100	0 - 3
0 - 150	0 - 2
0 - 180	0 - 1,6
0 - 250	0 - 1,2
0 - 350	0 - 0,8
0 - 750	0 - 0,4
0 - 1200	0 - 0,25

Stabilized laboratory power-supply MICROLAB DC MX 300W



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 300W
Weight : 3 Kg

AC Input

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

DC Output

Power	300 W
Voltage	0 to 1200 V
Current	0 to 20 A
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
Distortion	< 0,5%

Environment

Temperature	0 to +40°C (55°C derating)
Relative Humidity	85% without condensation
Cooling	Controlled air cooling
Dielectric Rigidity	2500 Vrms

Customisation :

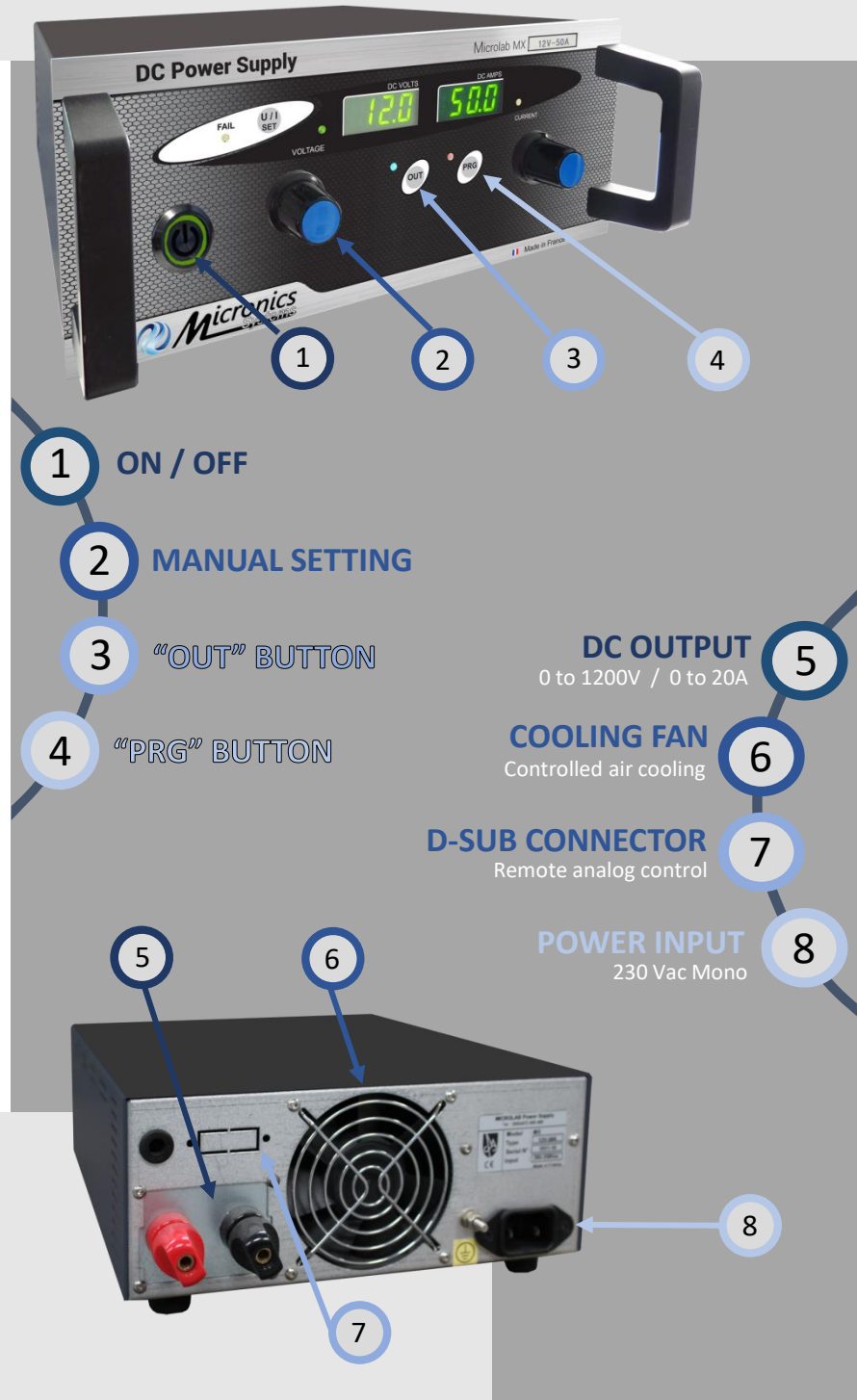
Digital control:

- 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 300W

