

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



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 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



Descriptions :

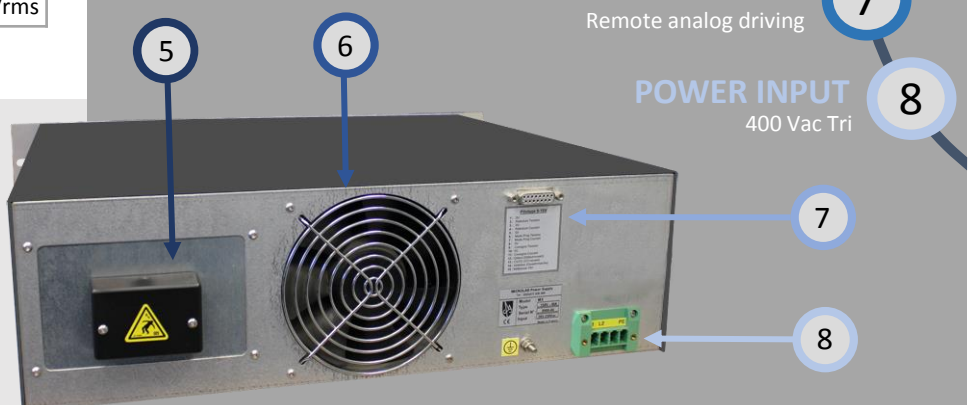
- . Polycarbonate front panel
- . Two-colour On/Off LED: Off = red / On = green
- . Voltage and current adjustable using two 10-turn potentiometers (U-adj and I-adj)
- . Two modes of operation: constant current (CC) and constant voltage (CV) indicated by two LEDs
- . 2000-point digital displays (VOLTAGE/CURRENT)
- . 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	400 VAC Triphasée
Power factor	> 0,95
DC Output	
Power	6000W
Voltage	0 to 1500V
Current	0 to 400A
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%
Environment	
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 400A
- 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: 140217 / MX 6000W

