

M600DC-PS

MAGNETRON POWER SUPPLY



M600DC-PSE power extending modules:



DESCRIPTION

The M600DC-PS is compact switch-mode DC power supply designed to drive magnetron sources. All adjustable parameters are displayed on the large TFT display with touchscreen. All settings can be manually adjusted or can be stored and recalled automatically after unit switch on. The unit also features a built in timer and automatic standby mode. It is fully interlocked for both, user and device safety. Unit can be remotely controlled via one of available analog or digital interfaces.

FEATURES

- **Easy to extend power up to 1200 W/1800 W/2400 W** with additional modules
- **Switch for 3 magnetron sources** with shutters control
- Adjustable limits of voltage, current and power separately for each output
- Multiple I/O - individual programmable
- Arc detection system
- 2D real time chart module

Support for:

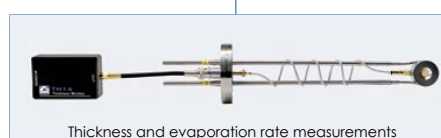
- **Thickness and evaporation rate measurements**
- **Vacuum measurements**
- **Mass Flow Controller**

TECHNICAL DATA

Supply voltage	100 - 240 V, 50-60 Hz
Output voltage	up to 1200 V (from 50 V)
Output current	up to 1200 mA* (from 1 mA)
Output power	up to 600 W** (from 1 W)
Switch-mode	3 outputs for magnetrons
Analog inputs/outputs	3 (0 - 10V)/ 3 (0 - 10V)
Digital inputs and outputs	individual programmable
Timer	dual mode timer 0 s - 99 h 59 min.
Thickness and evaporation rate measurements	1 channel for Thickness Monitors TM13 /TM14
Vacuum measurement	1 channel for active vacuum gauges: CTR90, TTR90, TTR91, TTR211, PTR225, PTR90, ITR90, ITR100, Baratron, ANALOG IN, MKS937A, PG105, MG13/14, PKR251/360/361, PCR280, ATMION
Mass Flow Controller	1 channel for MKS MF1
Communication interface	RS232/485, Ethernet
Communication protocol	MODBUS-TCP/RTU
User interface	5" TFT display with touchscreen, digital encoder
Interface languages	English, German, Polish
Dimensions	242 × 87 × 450 mm (W×H×D), 2U 42HP
Weight (approx.)	6 kg

* easy to extend with additional modules, up to: 2.4 A/3.6 A/4.8 A

** easy to extend with additional modules, up to: 1200 W/1800 W/2400 W



PREVAC sp. z o.o. sales@prevac.eu
 Raciborska Str. 61 [+48 32 459 21 30](tel:+48324592130)
 PL44362 Rogów [+48 32 459 20 01](tel:+48324592001)