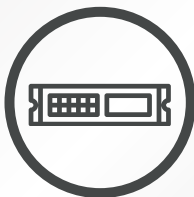


# PPS 500D

## Magnetron Power Supply



2U 19" Rack  
mounting standard



Control up  
to two sources



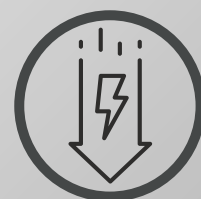
Full range  
of regulation



Ideal for low rate  
and precise coating  
applications

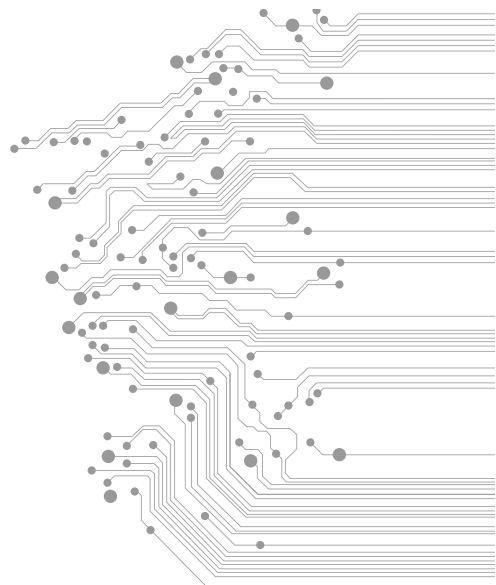
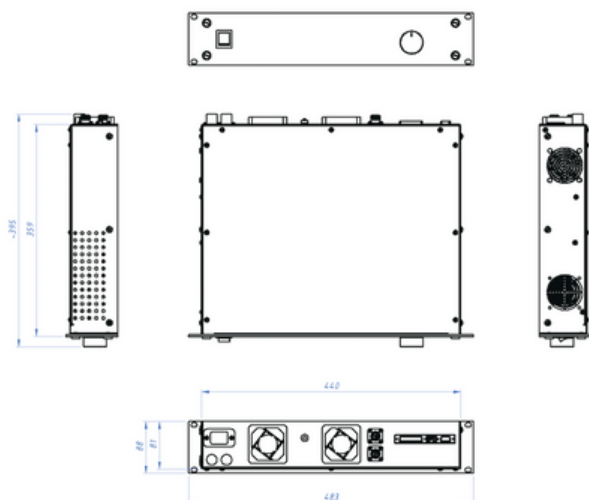


Fast response loop  
in less than 95ns



Allows to operate  
the sources at low  
power (<2W)

# PPS 500D – Specifications



## Electrical

Input voltage	180 to 265 VAC (50 to 60 Hz), 1 phase operation *
Input current	3,2A at 230 VAC, Power factor > 0.92
Output power	500W max
Output voltage	0 – 1000 VDC negative
Output current	0 – 2000 mA
Ripple noise	Switching: 2% p-p (50 kHz) Line: 1% p-p (100/120 Hz)
Ramp timer	0.1, 1.0, or 10 second, selectable by/in user interface
Communication interface	RS232 / RS485**
Arc menaegment	YES
Dimensions	483W x 395D x 88H ( 2U 19" Rack Mounting Standard )
Weight	13,2 kg
Compliance	CE (Regulatory Compliance PPS 500D units are CE marked and conform to Low Voltage Directive 73/23/EEC and Electromagnetic Compatibility Directive 89/366/EEC— meeting EN55011 (emissions), EN61000-6-2 (immunity), and EN50178 (safety), RoHS2

## Additional options

Analog Interface	25 Dsub male connector isolated (up to 2000 V RMS, 0...5V Analogue, 0/24 VDC Digital)
Serial Communication Options	Ethernet IP with ModBUS TCP
* Alternatively operation is also possible from two hot wires 3 phase systems, providing the voltage between them does not exceed more than 250 VAC	
** Configurable with order only	

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