

Power supply unit for an electron-beam evaporator with a ring cathode.

The unit is controlled from the front panel, or via the Modbus RTU protocol via the RS-485 interface, overload and breakdown protection are built-in



Parameter	Value
Max. output power	3 kW
Accelerating voltage channel	
Accelerating voltage	0.5 - 3.0 kV
Voltage ripple	no more than 5%
Voltage stability	not worse than 2% per hour
Max. Output current	1 A
Glow channel	
Output voltage frequency	20KHz
Regulation range	10 - 36 V, 6 - 40 A
Operating modes:	stabilization of the filament current, stabilization of emission current
Mains supply	380 V, TN-S, 50 Hz
Dimensions (W x D x H)	485 x 540 x 221 (5U)
Weight	20 Kg

BP-ELI-353-3-1

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BP-ELI-353-3-1 main dimensions, versions

