

Power supply unit for electron beam gun BP 362

A compact specialized power supply unit ELP, made in the 19 'standard, 6U high, with software control, built-in systems for stabilizing current, voltage, control of the deflection system.



Parameter **Value**

Parameter	Value
Accelerating voltage (negative polarity)	4-10 kV
Accelerating voltage ripple, no more, %	5 %
Breakdown protection	Disconnection with automatic reclosure
Current regulation range	6-40 A
Current stabilization, not worse, %	2
dimensions	540 485 265
Discreteness of voltage regulation	1 %
Input voltage	380 + 10 / -15% (50 Hz) V
Output current	1000 mA
Output current adjustment range	- 3... +3 A
Output voltage adjustment range	- (7...24)... + (7...24) V
Output voltage frequency	20 кГц
Overload protection	Current limiting
Power stabilization, not worse	2
Scanning frequency adjustment range	0...50 Гц
Stabilization of the emission current, not worse	2 (within 10 min.)
Voltage regulation range	5-28 B
Voltage stability within an hour, not worse, %	2 %
Weight, kg	30