

## Dual-channel ion source power supply



The unit is designed to supply two 3 kW ion sources with an adjustable DC voltage. The unit includes a gas injection control and monitoring system that controls two gas injection channels (analogue of BUKVA GB).

**Main characteristics:**

number of gas injection control channels - 2;

interface / protocol - RS-485 / ModBus RTU.



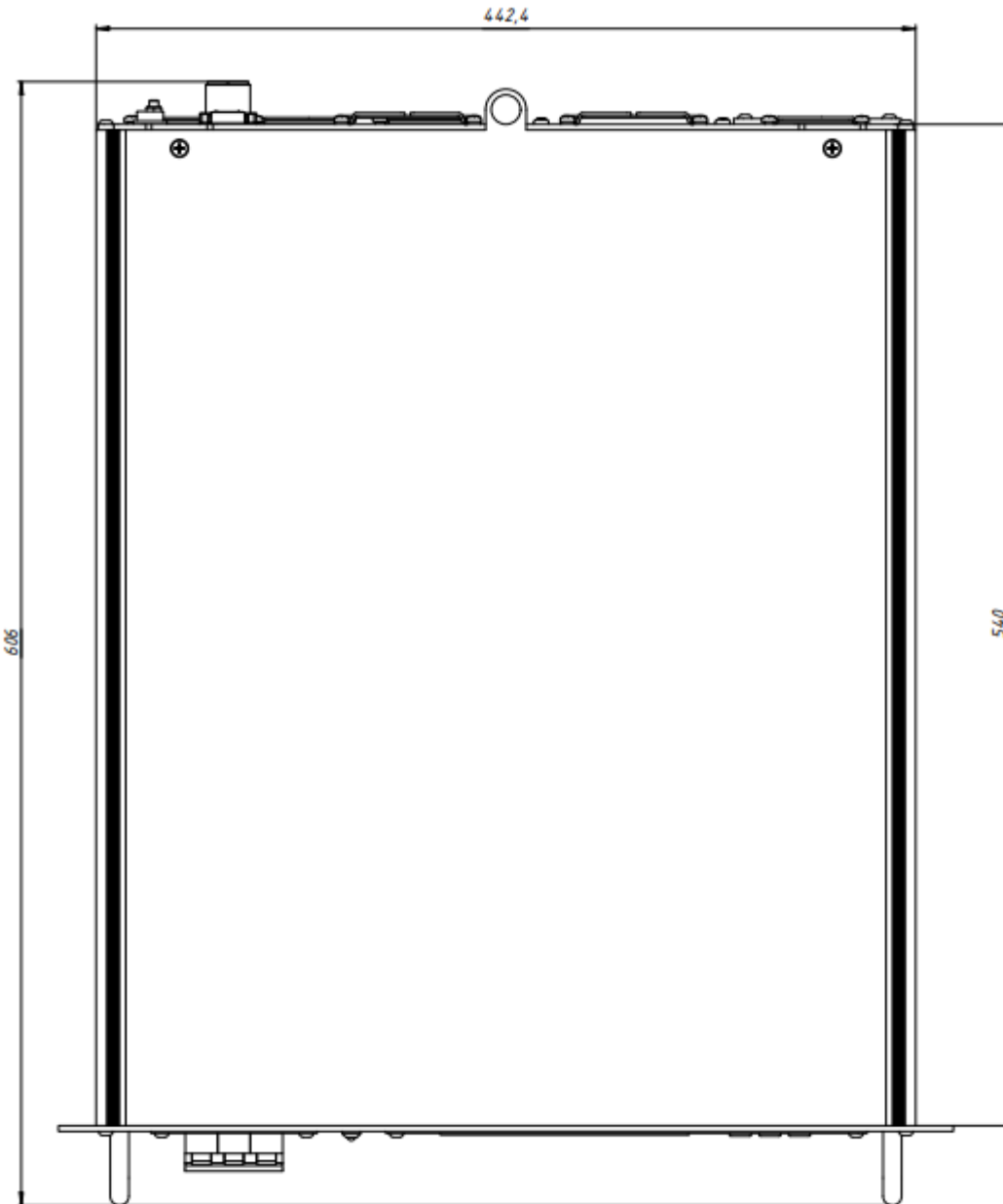
**Parameter**

**Value**

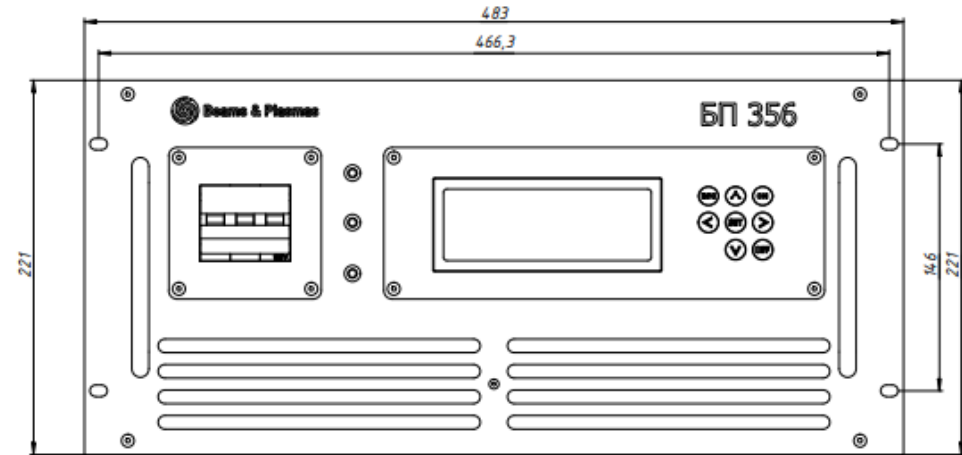
Supply voltage	380 V + 10 / -15%
Connection diagram to power supply	TN-S
Maximum output power	6000 W
Maximum output voltage of 1 channel	3000 V
Maximum output current of 1 channel	1 A
Maximum output voltage 2 channels	3000 V
Maximum output current 2 channels	1 A
Resolution of voltage setting	1 V
Discreteness of current setting	1 mA
The polarity of the output voltage is positive	
Voltage stabilization modes current	
The accuracy of maintaining the stabilized parameter is not worse than 5%	
Weight, kg, no more than	24.0 kg
Overall dimensions (length x width x height)	483x485x221 mm (5U)
RS-485 control interface	
Modbus RTU control protocol	

**Ion source power supply unit  
BP 356**

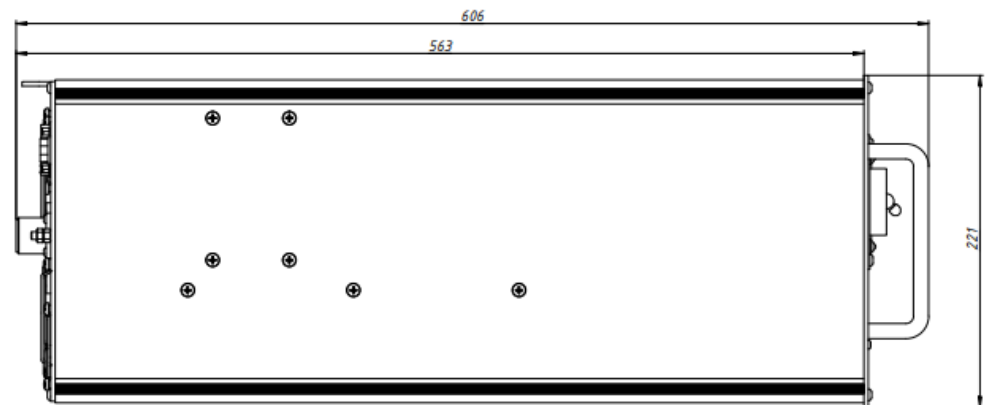
**BP 356.01**  
**Dual-channel ion source power supply**



**View from above**



**Front view**



**Side view**