

# SIP POWER Controller



## HIGHLIGHTS

### Line Voltage

- 24Vdc +/-20%
- 110/240 Vac 50/60 Hz
- Maximum input current 2.0 Adc

### High voltage output

- Voltage 600Vdc – 6KVdc
- Maximum current to the pump 65mAmax @ 350Vdc
- Fixed maximum value
- Maximum peak current 3.0 Apk @ 6KV
- Instrument Protection

### Dimensions

- 70x127x230 (HxWxD)
- sub-rack 3U 14TE 230mm deep

### Weight

- 1,3 kg

### Main features

- Remote control through RS485 with Modbus protocol (RTU)
- Remote control through standard Ethernet interface
- Up to 128 SIP Power units can be simultaneously controlled

## SIP POWER Controller

The SIP POWER controls the NEXTorr ion pump modules. The controller features an internal system for measuring the ionization current along with an autoranging system. The current (in nA) can be communicated with an external device through a serial interface. The voltage can also be communicated with an external device. Up to 128 SIP Power units can be simultaneously controlled through LAN using a dedicated program.

The SIP Power is protected by two security features: the SAFE connector and the INTERLOCK.

### Features:

- SAFE connector and INTERLOCK
- Optional alphanumeric display
- Status LEDs and an RS485 interface on the version without the alphanumeric display

### Data interface:

- Remote control through Ethernet
- Recording of the device parameters via USB
- Remote control through RS485 (only available in the version without alphanumeric display)

Ordering Information	
Product description	Code
SIP POWER*	3B0506
SIP POWER LEDS RS485**	3B0509
NIOPS03-OUTPUT CABLE ION-3MT***	3B0410

\*with display

\*\*without alphanumeric display

\*\*\*other cable lengths available upon request

