KIST + ESCHERICH

POWER UNIT 60

Powerful HV power supply for KIST + ESCHERICH ionisation systems

Key Facts

- ✓ **Compatibility: Suitable for KIST + ESCHERICH TRUE ION systems**
- ✓ **High performance: Output voltage of 6.0 kV AC**
- ✓ **Easy handling: Plug connection for up to 4 ionisation systems**
- ✓ **Reliable & maintenance-free: Long service life without maintenance needs**

Product Description

The POWER UNIT 60 (PU60) HV power supply reliably makes the required high voltage available to KIST + ESCHERICH TRUE ION ionisers. It converts the mains voltage into stable high voltage and is designed for a frequency of 50 or 60 Hz. Up to four ionisation systems can be operated simultaneously, thanks to the simple plug connection.

The adaptor provides a powerful and safe power supply for industrial applications with an output voltage of 6.0 kV AC and a temperature range of +5 to +45 °C. In addition, it is completely maintenance-free and particularly easy to operate.

PU60LED, like PU60, but additionally:

- With integrated function monitoring of the HV power supply and the connected ionisation systems
- Optical function and error signals via LEDs

PU60FC, like PU60, but additionally:

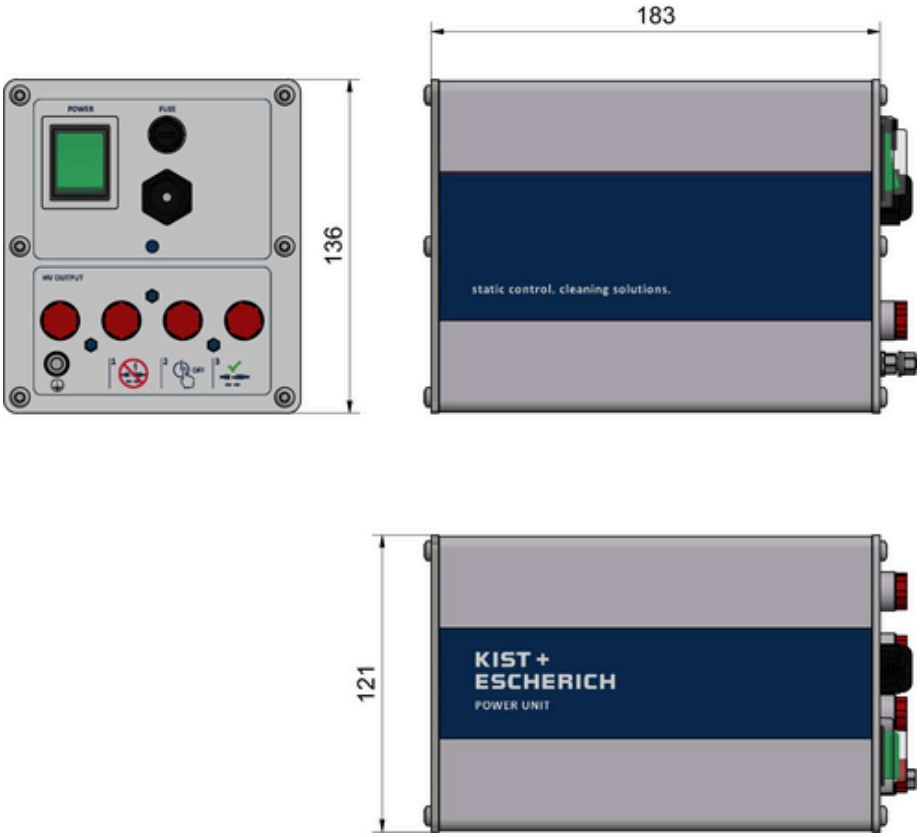
- With integrated function monitoring of the HV power supply and the connected ionisation systems
- Optical function and error signals via LEDs
- Signal contact for external function monitoring (high voltage fault)

Technical Data

	PU60	PU60LED	PU60FC
Version	Standard	With monitoring function	With monitoring and connection to controls
Operating voltage	115/230 V (AC)	115/230 V (AC)	115/230 V (AC)
Frequency	50/60 Hz	50/60 Hz	50/60 Hz
Power consumption	40 VA	40 VA	40 VA
Output voltage	6.0 kV	6.0 kV	6.0 kV
Output current (max.)	5.0 mA	5.0 mA	5.0 mA
Connection length (max.)	20.0 m	20.0 m	20.0 m
Function and error display	-	LED lamp	LED lamp
Signal output	-	-	Signal contact for remote monitoring
Number of connections and ionisers	4x	4x	4x
Length of power supply cable	2.5 m	2.5 m	5 m
Ambient temperature (min. – max.)	5 – 45 °C	5 – 45 °C	5 – 45 °C
Weight	3.2 kg	3.3 kg	3.3 kg
Ingress protection	IP54	IP54	IP54

Technical Drawings

POWER UNIT 60



Related Products

HV-DISTRIBUTOR

Distributors for TRUE ION ionisation systems

ION CHECK

Function tester for testing ionisation systems

ELFI 1

Compact static field strength meter for analysis of static electricity