SE-PAC AC High Voltage Power Unit

5.5 kV or 8 kV AC power for up to 4 FÖGE antistatic bars and ionizers — compact, short-circuit protected, plug-and-play



KEY DATA

Models
SE-PAC-55-2-C · SE-PAC-55-4-C (5.5 kV) · SE-PAC-80-2-C · SE-PAC-80-4-C (8 kV)

Mains supply
220 V AC · 50 Hz plug connection

Protection class
IP54

Max. total length per power unit
12 m of cables and devices connected (bar lengths count towards the total)

Overview

The FÖGE SE-PAC is a compact, robust high voltage AC power unit that supplies FÖGE AC antistatic bars, nozzles and ionizing devices. Four models cover two voltage levels and two output configurations, so the SE-PAC is the central power source of every FÖGE AC static elimination system. It connects to a 220 V AC, 50 Hz mains supply and converts it to the high voltage required by the connected ionizing equipment.

Key features

- Four models: SE-PAC-55-2-C · SE-PAC-55-4-C (5.5 kV) · SE-PAC-80-2-C · SE-PAC-80-4-C (8 kV)
- 2 or 4 outputs — power up to 4 AC ionizing devices from one unit
- 5.5 kV for SE-ACB-55, SE-ACA-55, SE-ACG, SE-ACIN-55 and SE-ACS-55-50
- 8 kV for SE-ACB-80, SE-ACA-80 and SE-ARN-80
- 220 V AC, 50 Hz mains supply
- Short-circuit protection and F0.1AL250V fuse
- ON/OFF switch and power light
- Robust long-life transformer · compact design · IP54

Technical specifications

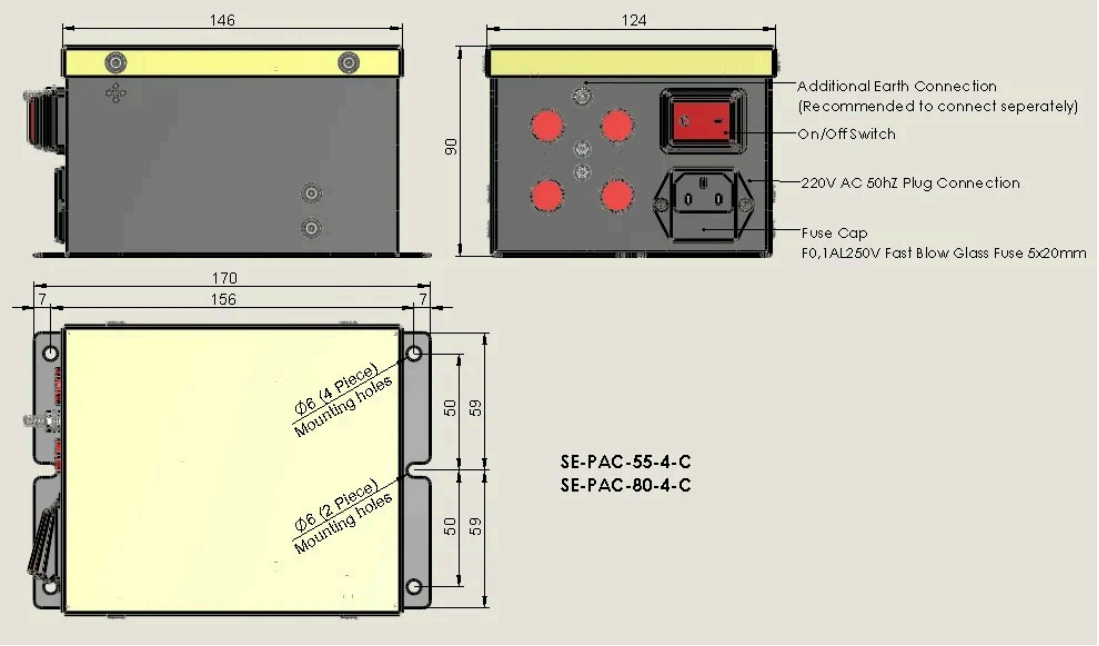
Models	SE-PAC-55-2-C · SE-PAC-55-4-C (5.5 kV) · SE-PAC-80-2-C · SE-PAC-80-4-C (8 kV)
Mains supply	220 V AC · 50 Hz plug connection
Panel	ON/OFF switch · power light · power connector
Fuse	F0.1AL250V fast-blow glass fuse, 5 × 20 mm
Safety	Short-circuit protection
HV outputs	Metal screw-type HV connectors for FÖGE AC bars
Additional earth connection	Recommended — connect separately
Max. total length per power unit	12 m of cables and devices connected (bar lengths count towards the total)

Environment	70 % rH non-condensing max. · location dry and oil-free
Operating temperature	Max. 50 °C
Protection class	IP54
Housing dimensions	146 × 124 × 90 mm · base plate 170 mm, ⌀ 6 mm mounting holes
EMC compliance	2014/30/EU — EMC Directive
Electrical safety	2014/35/EU — Low Voltage Directive

Which SE-PAC to choose

	SE-PAC-55-2-C	SE-PAC-55-4-C	SE-PAC-80-2-C	SE-PAC-80-4-C
Output voltage	5.5 kV	5.5 kV	8 kV	8 kV
Number of outputs	2	4	2	4
Compatible devices	SE-ACB-55 · SE-ACA-55 · SE-ACG · SE-ACIN-55 · SE-ACS-55-50	SE-ACB-55 · SE-ACA-55 · SE-ACG · SE-ACIN-55 · SE-ACS-55-50	SE-ACB-80 · SE-ACA-80 · SE-ARN-80	SE-ACB-80 · SE-ACA-80 · SE-ARN-80

Dimensional drawing



Dimensional drawing of the SE-PAC-55-4-C and SE-PAC-80-4-C power units: 146 × 124 × 90 mm housing, 170 mm base plate, ⌀ 6 mm mounting holes, earth connection, ON/OFF switch, 220 V AC 50 Hz plug connection, F0.1AL250V fuse

Complete system — what you need

SE-PAC power unit	Choose 5.5 kV (SE-PAC-55) or 8 kV (SE-PAC-80) and 2 or 4 outputs
Compatible FÖGE AC bars / devices	5.5 kV: SE-ACB-55, SE-ACA-55, SE-ACG, SE-ACIN-55, SE-ACS-55-50 · 8 kV: SE-ACB-80, SE-ACA-80, SE-ARN-80
SE-CAB-AC-1 extension cable (optional)	Non-standard cable lengths in 1 m steps within the 12 m total length per power unit

Product information and ordering: sales@fogegmbh.com · +49 9372 9809477 · foge-antistatic.com