

HAUG Ionization - for the elimination of electrostatic charges



S-Line power pack EN SL

With his modular electronic components the **EN SL** power pack guarantees a service-friendly power supply. The **EN SL** power pack comes with two high-voltage terminals and was designed to provide HAUG ionizing systems with the required voltage. The integrated HV-transformer produces an alternating current of approx. 7 – 8 kV. The main on/off switch, with a built-in display light, always lets the user know that the power pack is ready for operation. The S-Line power pack works ideally with HAUG ionizing products, such as ionizing bars, air gates, ring ionizers etc.

S-Line power pack EN SL II

Same power supply as EN SL, additionally with adjustable high voltage. This can be adjusted via a potentiometer in the range of 4 - 6 kV.

S-Line power pack EN SL LC

As **EN SL**, but with integrated full-electronic function monitoring. This system constantly monitors all functions of the ionizing system without any further measuring or test equipment. It alerts the operator of any irregularities by causing the LED indicator integrated in the housing to flash (ills. 4 and 5).

Power pack S-Line EN SL SD (spark detect)

Design identical to power pack **EN SL RLC**. This power pack additionally monitors the following error states: spark-over, high-voltage short circuit and excess temperature. The signalling socket allows the power pack to be monitored and controlled.

Power pack EN SL SLC

Design identical to power pack **EN SL LC**, additionally with a clock input via signal socket type K6. This power pack is particularly suitable for the use with the **RI LG auto**.

S-Line power pack EN SL RLC

Identical in all technical aspects to the **EN SL LC** the **EN SL RLC** power pack comes additionally with a signal socket above the earthing sleeve. A fault message can be connected to the signal socket. The maximum contact load is 24 V_{AC} / 35 V_{DC} and max. 50 mA (see contact scheme ill. 2 and logic diagram).

S-Line power pack EN SL RLC digital

Same power supply as EN SL RLC, but with digital display. The level of the output voltage is displayed in two digits in kV. The digital display flashes when the high voltage output is too low.

Special features and advantages

- The rounded edges of the S-Line housing prevent the operator from risks of injuries.
- With help of the HAUG vario holder all S-Line power packs can easily be mounted horizontally on any flat surface or vertically right to the wall.
- The S-Line power pack is manufactured in accordance to the DIN 0550 norm, protection type IP 54, protection class I.
- HAUG's patented coaxial plug-and-socket connection System X-2000 ensures the installation to be fast, simple and without the requirements of any tools.

HAUG GmbH & Co. KG

Friedrich-List-Str. 18
D-70771 Leinf.-Echterdingen
Phone: +49 711 / 94 98-0
Telefax: +49 711 / 94 98-298

Germany

www.haug.de
E-mail: info@haug.de

HAUG Biel AG

Johann-Renfer-Str. 60
CH-2500 Biel-Bienne 6
Phone: +41 32 / 344 96 96
Telefax: +41 32 / 344 96 97

Switzerland

www.haug.swiss
E-mail: info@haug.swiss



Types

EN SL	(230 V)	Order-No.: 01.7830.000
EN SL	(115 V)	Order-No.: 01.7831.000
with HAUG-transformer and short-circuit protection unit, output short-circuit current 3 mA, max. connectable length 10 m		
EN SL II	(230 V)	Order-No.: 01.7782.225
EN SL II	(115 V)	Order-No.: 01.7783.225
with potentiometer, HV-output adjustable, max. connectable length 5 m. To be used with signalling cable K3		
EN SL LC	(230 V)	Order-No.: 01.7833.000
EN SL LC	(115 V)	Order-No.: 01.7834.000
LED-controlled, with function monitoring and short-circuit protection unit, output short-circuit current 5 mA, max. connectable length 10 m		
EN SL LC	(230 V)	Order-No.: 01.7902.100
EN SL LC	(115 V)	Order-No.: 01.7903.100
LED-controlled, with function monitoring and short-circuit protection unit, output short-circuit current 5 mA, max. connectable length 8 m, CUL-approved (UL and CSA conformal); test no.: E 189 151		
EN SL SLC	(230 V)	Order-No.: 01.7874.100
EN SL SLC	(115 V)	Order-No.: 01.7875.100
Clockable Version with function monitoring and short-circuit protection unit, output short-circuit current 5 mA, max. connectable length 10 m. To be used with signalling cable K6		
EN SL SD	(230 V)	Order-No.: 01.7843.000
EN SL SD	(115 V)	Order-No.: 01.7844.000
"Relay LED-controlled" with extended function monitoring for sparking, HV short circuit and overheating switch-off. Reset on unit by remote control. Max. connectable length 10 m. To be used with signalling cable K6.		
EN SL RLC	(230 V)	Order-No.: 01.7835.100
EN SL RLC	(115 V)	Order-No.: 01.7836.100
Relais-LED-controlled with function monitoring and short-circuit protection unit, output short-circuit current 5 mA, max. connectable length 10 m. To be used with signalling cable K6		



Technical data

**EN SL, EN SL II,
EN SL LC, EN SL RLC, EN SL RLC digital,
EN SL SLC, EN SL SD**

Protection type:	IP 54
Supply voltage:	115 V _{AC} / 230 V _{AC} (50 – 60 Hz)
Power consumption:	approx. 50 VA
Rated output voltage:	approx. 7 – 8 kV _{AC}
Capacity of signalling contacts:	24 V _{AC} / 35 V _{DC} ; max. 50 mA
HV-terminals:	2
Operating temperature:	+ 5 °C up to + 45 °C
Storage/transport temperature:	- 15 °C up to + 60 °C
Weight:	3.5 kg
Mains cable:	2.6 m, fixed to the device

Subject to technical changes!

Additional types

EN SL RLC	(230 V)	Order-No.: 01.7904.100
EN SL RLC	(115 V)	Order-No.: 01.7905.100
Relais-LED-controlled with function monitoring and short-circuit protection unit, output short-circuit current 5 mA, max. connectable length 8 m. CUL-approved (UL and CSA conformal); test no.: E 189 151. To be used with signalling cable K6		
EN SL RLC digital	(230 V)	Order-No.: 01.7845.000
EN SL RLC digital	(115 V)	Order-No.: 01.7846.000
Same as EN SL RLC but with digital display of output voltage. With function monitoring and short circuit protection unit, output short-circuit current 5 mA, max. connectable length 10 m. To be used with signalling cable K6		

EN SL model series

