



Generator

DG 309 (ART- 26853 RETROFIT)



THE PRODUCT

The driving force for your discharge.
The new high-voltage generator ensures a backwards-compatible upgrade for all KERSTEN discharging components and systems thanks to special settings and regulation.

BENEFITS

- regulated DC Voltage
- 6 high voltage slots
- Plug-in System
- Highest output of ions

CUSTOMER BENEFITS

- No EMC problems
- Installation in the smallest of spaces
- Flexible expansion options
- Maintenance free

KERSTEN®

Technical Data

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GENERAL INFORMATION

Supply voltage	U_{enn}	V DC	24+-10%
Max. operating current	I_b	A	2.3
Max. active power	P	W	56
Control voltage	U_{st}	V DC	24+-10%
Max. current control circuit	I_{st}	A	1,0
Error output voltage	U_f	V DC	24+-10%
Max. error output voltage	I_f	A	0.4
Error output voltage inverted	$U_{\bar{f}}$	V DC	24+-10%
Max. error output voltage inverted	$I_{\bar{f}}$	A	0.4

DETAILS

Max. Output voltage	U_a	kV DC	5,5
Max. output voltage	I_{max}	mA	1,46
Type of protection			IP54
Number of high voltage slots			6
Type of connection			neXt® - Stecksystem

CLIMATE CONDITIONS

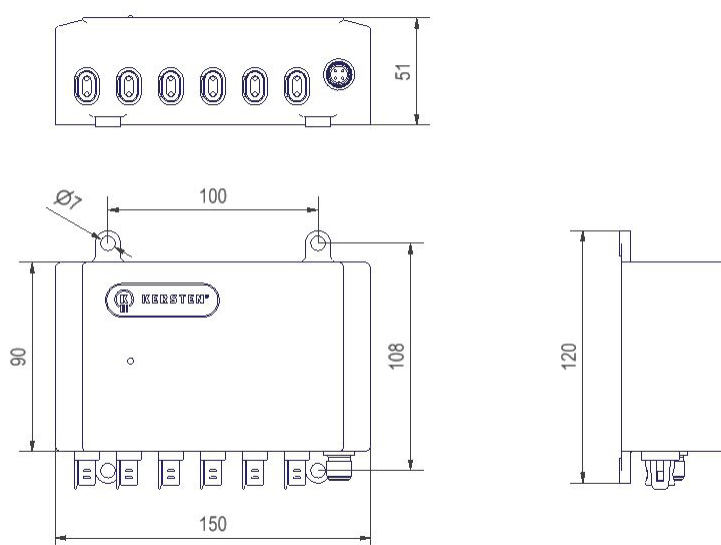
Temperature during transport and storage	T	°C / °F	-25 - +85 / -13- +185*
Temperature during operation	T	°C / °F	++5 - +50 / +41- +122**
relative humidity (non-condensing)	RH	%	<80

DIMENSIONS

	L/W/H	mm	150/120/51
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* acc. to UL50 Type B / Class 3K3 max. 70 °C (+158 °F) ** acc. to UL50 Type B / Class 3K3 max. 40 °C (+104°F)

TECHNICAL DRAWING



All dimension
measurements in mm

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