

**KERSTEN®**

# Generator

## CG 102



### THE PRODUCT

The driving force for your charging needs. Our new charging generator provides up to +25kV for the appropriate electrical supply to all KERSTEN charging components.

### BENEFITS

- Interface function
- Easy operation via keypad
- Additional supply of a discharging generator
- Settings storable
- Connectable to control panel

### WHY KERSTEN?

- Made in Germany for over 40 years
- Needs-based consultation
- Individual solutions
- Very short delivery times

## GENERALS

Supply voltage	$U_N$	V DC	24+-10%
Internal protection	I	A	5,0
Max. operating current	$I_B$	A	4
Max. active power	P	W	65

## INTERFACES

External control	$U_s / I_s$	V DC / mA	0-10 / 4-20
Return value output voltage	$I_{Ua}$	mA	4-20
- Max. load resistance	$R_B$	$\Omega$	600
Return value output current	$I_{Ia}$	mA	4-20
- Max. load resistance	$R_B$	$\Omega$	600
Output voltage CG 102 active	$U_{ON}$	V DC	24 + - 10%
- Max. supply current		A	0,5
Power supply discharging generator DG X06	$U_B$	V DC	24+-10%
- Max. supply current		A	0,5

## INTERFACE ERRORS

Voltage error output CG 102	$U_F$	V DC	24 + - 10%
- Max. supply current	$I_V$	A	0,5
Error output DG X06	$U_F$	V DC	24 + - 10%
- Max. supply current	$I_V$	A	0,5
Output voltage	$U_A$	KV DC	+2 - +25
Max. output current	$I_{max}$	mA	2
Number of high-voltage slots			4
External release			potenzial-free contact
Type of Protection			IP 65

## CLIMATIC CONDITIONS

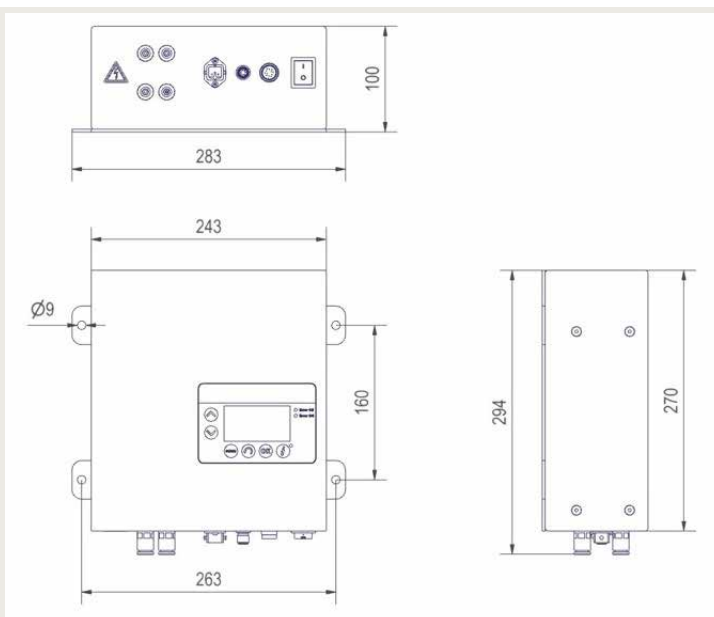
Temperature for transport and storage	T	°C / °F	-25 - +85 / -13- +185*
Temperature in operation	T	°C / °F	+5 - +50 / +41- +122**
Relative humidity (non-condensing)	RH		<80

## DIMENSIONS

L / W / H	mm	294 / 283 / 100
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\*acc. UL50 TypB / class 3K3 max. +70 °C (+158 °F) \*\*acc. UL50 TypB / class 3K3 max. +70 °C (+158 °F)

## TECHNICAL DRAWING



All dimension measurements in mm

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