TIE0033 Series

HV divider | DC:0±100kV , Stability<30ppm

- Test voltage level: DC: 0 ~ ±100kV
- Stability: <30ppm/hour
- perature coefficient: <30ppm/℃
- Accuracy: better than 0.5%
- Ambient temperature: 0 ~ 50℃
- Ambient humidity: <80%
- Voltage division ratio: 10000:1

Product information:

Teslaman TIE0033 series high voltage divider, commonly known as high voltage tester, is a precision instrument used to measure voltage. It can convert high voltage, which is difficult to measure directly, into a low voltage signal that can be safely measured according to a known and precise proportion, with a maximum voltage of up to 100kVDC. It adopts a small and compact cabinet-style design, with a division ratio of 10000:1 which subverts the traditional vertical cylindrical structure, significantly reducing the volume and facilitating standard cabinet integration and testing. The internal high-performance compensation structure and all-metal shielded cabinet enhance the anti-interference capability, making the measurement more stable. It is a key component to promote the integration of built-in high voltage testing.

Specifications：

Test voltage level	DC:0±100kV.
Stability	<30ppm/H.
Temp. coefficient	<30ppm/℃.
Accuracy	<0.5%.
Environmental	0℃ to +50℃.
Humidity	<80%.
Voltage division ratio	10000:1.
Dimensions	W380mm,H139mm,D476mm.
Weight	39.6kg.
Accessories	BNC male to dual banana plug cable*1, grounding wire*1, high voltage cable*2.

Description of Model Code

The model code represents the performance and parameters of the power supply, which is:

Maximum output voltage in kV (kV);

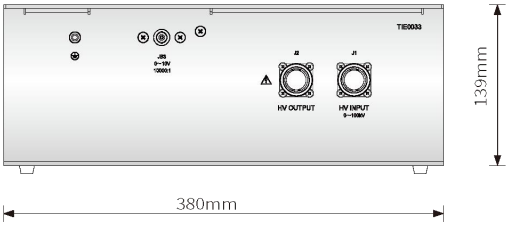
TIE0033 PN 100

Model | Polarity | Maximum voltage

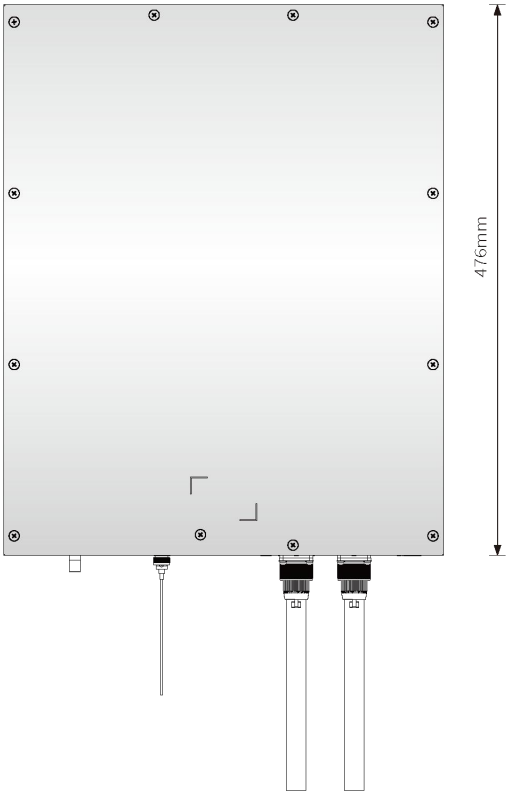
TIE0033 Series Model Selection Table(Customizable):

Rated output(kV)	Model
30	**TIE0033PN30**
60	**TIE0033PN60**
100	**TIE0033PN100**

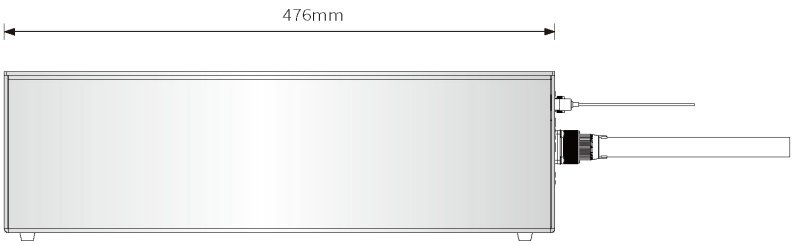
Dimensions：mm



Front View



Top View



Side View