

# OUTDOOR TYPE VOLTAGE TRANSFORMERS FOR BILLING



Designed for MOF

**VPF Series**

## Introduction

Designed to be part of a MOF (Metering Outfit) for billing purposes, the *VPF Series* voltage transformers are insulated with Araldite® UV-resistant cycloaliphatic epoxy resin, enabling these outdoor products to withstand long-term exposure to solar ultraviolet radiation, salt fog, high temperature, high humidity, as well as other harsh environmental conditions. The choice of numerous power companies, these voltage transformers have been subjected to tough outdoor conditions for more than 20 years while continuing to perform with stable quality. High in customer satisfaction, the *VPF Series* voltage transformers are manufactured under exact procedures and stringent quality control, thus ensuring product reliability and great service life.

## Specifications

- For outdoor MOF (Metering Outfit)
- Maximum System Voltage: 15.5 ~ 36.5 kV
- Standard: IEC or IEEE\*
- Frequency: 50 or 60 Hz

\* Other standards and specifications available.

## Selection Table

Model	System Voltage (kV)	Voltage Ratio (kV / V)	Burden / Accuracy	AC/BIL (kV)	Approx. Weight (kg)	Thermal Burden (VA)	Num. of Cores	Creepage (mm)	Design
VPF-10AE	≤ 15.5	11.4/√3 / 190/√3 or 8.4 / 110	25 VA / 0.3	34 / 110	25	200	1	450	Fig. 1
VPF-10A		11 / 110			25		2	385	Fig. 2
VPF-12E		11.4/√3 / 190/√3 or 8.4 / 110			37		1	500	Fig. 3
VPF-12		11 / 110			38		2	500	Fig. 4
VPF-20SA	≤ 25.5	22 / 110	25 VA / 0.3	50 / 150	48	1000	1	610	Fig. 5
VPF-24E		22.8/√3 / 190/√3 or 13.2 / 110			38	500	1	550	Fig. 6
VPF-24		22 / 110			39		2	550	Fig. 7
VPF-30S**	≤ 36.5	36 / 110	500 VA / 3.0 300 VA / 1.0 150 VA / 0.5 50 VA / 0.2	70 / 170	74	1000	2	1050	Fig. 8
			75 VA / 0.3	70 / 200				1300	

\*\* Model VPF-30S designed for highly polluted conditions.

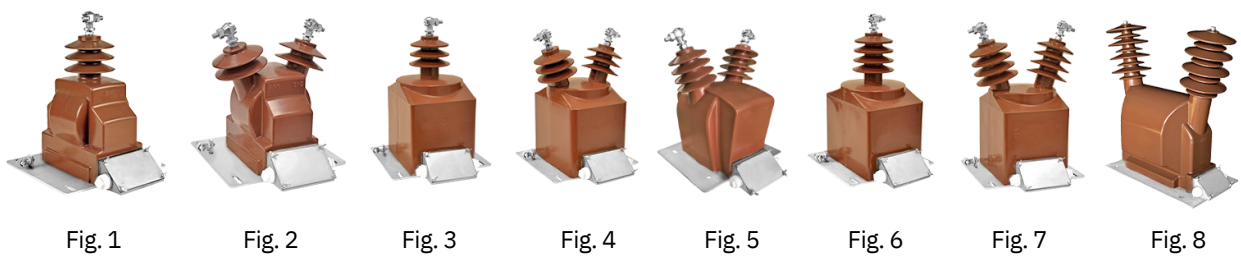


Fig. 1

Fig. 2

Fig. 3

Fig. 4

Fig. 5

Fig. 6

Fig. 7

Fig. 8



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