

MANUFACTURER OF TYPE-TESTED DRY TYPE TRANSFORMERS AS PER IS STANDARDS

SOLAR AUXILIARY TRANSFORMER

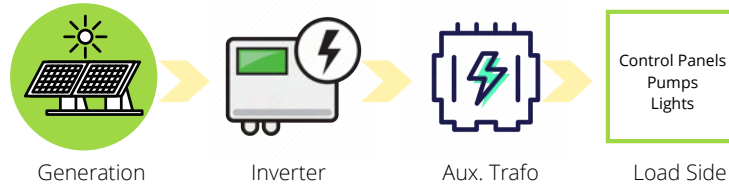
Solar energy generation and distribution cover a wide range of applications and environments. It demands a high level of safety and reliability. Prima Transformers offers a variety of dry-type transformer solutions for the difficult applications found in the solar energy market. We have the experience to provide magnetic solutions including low and medium-voltage Transformers, grounding transformers and current limiting reactors. With the acquired experience and skills, we are the first major manufacturer to introduce a range of Solar Auxiliary Transformers.

We have the technical ability and industry-specific know-how to help you select the transformer specifications & capacity. Across the Indian sub-continent, we provide manufacturing expertise, reliability, and quick supply to the renewable energy market requirements. The dedication to quality and service of Prima Transformers is the foundation for being a preferred special-application dry-type transformer supplier for the Solar EPCs. Associating with Prima Transformers will definitely make your magnetics procurements smooth and hassle-free.

SOLAR AUXILIARY RANGE:

Solar Power-plants requires different voltage levels for distribution and control. The inverter side generally provides an output voltage level of 800 or 690 Volts. But the controlling systems and loads like lighting systems, pumps, and motors operate at standard 415 Volts. From our study and survey conducted in collaboration with our solar segment customers, we have identified the most widely required power levels and have designed a range to meet those requirements.

This range provides both 800 and 690 input voltage level options. Further, these designs are made with low losses and required grid-compliant values of impedance, voltage regulation and withstand capacity.



Standardised Range:

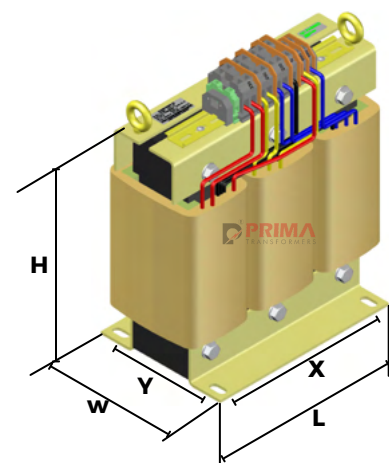
Sr. No.	Part code	KVA	Input	Output	Vector Group	Dimensions			Mounting Dimensions		Slot Size	Weight	Termination
						L	W	H	X	Y			Type/Position
1	AUXIF0010	10	800 or 690	415	Dyn11	480	250	425	220	135	30x13	85	Terminal Block/ One Side Top
2	AUXIF0015	15	800 or 690	415	Dyn11	480	250	425	220	145	30x13	100	Terminal Block/ One Side Top
3	AUXIF0020	20	800 or 690	415	Dyn11	480	270	450	220	155	30x13	117	Terminal Block/ One Side Top
4	AUXIF0025	25	800 or 690	415	Dyn11	540	270	500	220	145	30x13	136	Terminal Block/ One Side Top
5	AUXIF0030	30	800 or 690	415	Dyn11	540	270	500	220	150	30x13	146	Terminal Block/ One Side Top
6	AUXIF0035	35	800 or 690	415	Dyn11	540	280	500	220	160	30x13	167	Terminal Block/ One Side Top

Contact our team for custom or higher ratings.

Exact dimensions may change after manufacturing. IS Tol. Applicable for all parameters.

Technical Parameters:

- Phases: 3, Vector Group: Dyn11, other at request.
- Material: Winding - Electrolytic Copper, Core - Low loss CRGO
- Impedance: 3-4%, Voltage Regulation: 3-4%
- HV withstand: 3kV
- Maximum Efficiency > 96%
- Insulation: Class - F, H
- Protection & Monitoring (optional): WTI, MFM, LIM, Contactor
- Protection class (optional): IP23, IP55
- Reference Standards: IS2026-11, IEC60076



Without Enclosure



With Enclosure

Images are for illustrations purpose only, actual product may vary in look and color.

Go green. Switch to

SolX

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