

ENERGYST LV TRANSFORMERS SPECIFICATION



LV TRANSFORMERS 500 - 690 V

LOW VOLTAGE STEP-UP AND STEP-DOWN TRANSFORMERS

Our range of low voltage transformer rentals convert 400 to 480 V generator set outputs to a number of LV voltages up to 690 V for distribution. We offer a range of inputs and outputs to ensure you have the right voltage for your application. You can hire a transformer for everything from small-scale projects to a major plant. Whether compensating for planned or sudden power shutdowns, or for seasonal changes in power demands. Our transformer rental equipment is also suitable for event power, new construction and extensions and load bank testing. The modular units are efficient so they have minimum effect on the environment.

Safe and reliable modular units:

- Capacity from 100 kVA up to 2500 kVA each
- Optimised protection
- Quick and easy assembly, simple operation and maintenance
- Simple deployment within other networks
- Robust canopy housing
- Easy transport
- All the ancillaries you require

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TECHNICAL INFORMATION

Model		LV 100 kVA	LV 200 kVA	LV 315 kVA	LV 500 kVA
Voltage primary	V	500	500	500	690 / 500 +/- 2 x 2.5%
Current primary	A	115	231	364	418 / 577
Voltage secondary	V	400	400	400	400
Current secondary	A	144	289	455	722
Connection	-	DY11	DY11	DY11	DY11
Coolant	-	Air	Air	Air	Air
Transformer protection	-	N/A	N/A	N/A	N/A
Overcurrent/shortcircuit protection	-	Yes	Yes	Yes	Yes
Connection points	-	M12	M12	M12	M12
Enclosure	-	Canopy	Canopy	Canopy	Canopy
Dimensions [LxWxH]	mm	1948 x 1020 x 1500	1948 x 1020 x 1500	1948 x 1020 x 1500	2228 x 1200 x 1850
Weight	kg	865	1100	1365	2065

Model		LV 1000 kVA	LV 1500 kVA	LV 2500 kVA
Voltage primary	V	690 / 500 +/- 2 x 2.5%	693 / 610 / 222	725 / 626 / 527
Current primary	A	837 / 1155	1250 / 1420 / 3602	1991 / 2305 / 2738
Voltage secondary	V	400	400	400
Current secondary	A	1443	2165	3609
Connection	-	DY11	Dyn11	YND11
Coolant	-	Air	Oil	Air
Transformer protection	-	N/A	DGTP ¹	Temperature
Overcurrent/shortcircuit protection	-	Yes	Yes	No
Connection points	-	M12	M12	M12
Enclosure	-	Canopy	10 ft container	10 ft container
Dimensions [LxWxH]	mm	2228 x 1200 x 1850	3029 x 2438 x 2590	3029 x 2438 x 2590
Weight	kg	2900	9000	11000

1. Discharge Gas, Temperature, Pressure protection

Details are given for guidance only. Exact equipment may vary according to geographical location and availability.

WE'D LIKE TO HEAR FROM YOU

If you would like to talk to us, request a rental or have a question there are two ways to contact us.

CALL US: 00800 3637 4978
EMAIL US: INFO@ENERGYST.COM

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