

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

TECHNICAL INFORMATION

Model		LV 315 kVA	LV 500 kVA	LV 1000 kVA	LV 2500 kVA
Voltage primary	V	500	690 / 500 +/- 2 x 2.5%	690 / 500 +/- 2 x 2.5%	725 / 626 / 527
Current primary	A	364	418 / 577	637 / 1155	1991 / 2305 / 2738
Voltage secondary	V	400	400	400	400
Current secondary	A	455	722	1443	3609
Connection	-	Dyn11	Dyn11	Dyn11	ynD11
Coolant	-	Air	Air	Air	Air
Transformer protection	-	N/A	N/A	N/A	Temperature
Overcurrent/shortcircuit protection	-	Yes	Yes	Yes	No
Connection points	-	M12	M12	M12	M12
Enclosure	-	Canopy	Canopy	Canopy	10 ft container
Dimensions [LxWxH]	mm	1948 x 1020 x 1500	2228 x 1200 x 1850	2228 x 1200 x 1850	3029 x 2438 x 2590
Weight	kg	1365	2065	2900	11000

Offshore Model		1500kVA Offshore	2200kVA Offshore
Voltage Primary	V	600/660/690	600/660/690
Current Primary	A	1443/1312/1255	2117/1925/1840
Voltage Secondary	V	400/440/480	400/440/480
Current Secondary	A	2165/1968/1804	3175/2987/2646
Frequency	Hz	50/60	50/60
Vector		Yyn0	Yyn0
Cooling		ANAN	ANAN
Primary Switch		1600A / 4 pole	2500A / 4 pole
Secondary Switch		2500A / 4 pole	3200A / 4 pole
Protection		short circuit, over-load and earth-fault	short circuit, overload and earth-fault
Signals		Fire, Gas, smoke, high temperature, Earth fault	Fire, Gas, smoke, high temperature, Earth fault
Fire & Gas panel		Custom built in Exed enclosure	Custom built in Exed enclosure
Fire extinguishing system		Light Foam, AFFF	Inergen
Alarms		Gas Low, Gas High, Foam/Fire, Common Alarm, Local warning lights	Gas Low, Gas High, Fire, Common Alarm, Local warning lights
Rig signals		short circuit, over-load and earth-fault	short circuit, overload and earth-fault
Space heaters		Fire, Gas, smoke, high temperature, Earth fault	2 ea, 960 W, 230 V, 1-, 50/60 Hz
Enclosure	ft	10	10
Wall sockets		2 ea, CEE 32A (5 pole) for 400/440/480V, 2 ea, CEE 16A (3-pole)	2 ea, CEE 32A (6 pole) for 400/440/480V, 2 ea, CEE 16A (3-pole)
Dimensions L x H x W	mm	2981 x 2438 x 2735	2981 x 2438 x 2735
Weight	kg	8300	9300

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

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