

ENERGYST HV TRANSFORMERS SPECIFICATION



HV TRANSFORMERS 5 - 23 KV

MULTI-TAPPED TRANSFORMER RENTALS UP TO 23 KV

Our range of multi-tapped transformer rentals convert 400 to 480 V generator set outputs to a number of HV voltages up to 23 kV for distribution. The transformers are housed in CSC Plated 10- and 20-foot containers allowing a multitude of voltage combination to ensure optimal power transmission in all applications. Our range of modular multi-tapped containerised transformers provides optimum voltage selection across all ranges to enable connectivity to a wide range of networks. Complete package with full high voltage and low voltage protections.

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 and for new construction and extensions. The modular units are safe and reliable.

They are efficient so have minimum effect on the environment. They use a mix of dry and oil cooling. The high-voltage outputs can be stepped down for testing with (for example) load banks.

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TECHNICAL INFORMATION

Model		2 MVA		2.5 MVA		3.15 MVA	
Frequency	Hz	50	60	50	60	50	60
Voltage primary	kV	5 - 22	6 - 23	9.5 - 22	11.4 - 23	5 - 22	6 - 23
Current primary	A	277 - 65,6	131,5 - 54,7	152 - 65	126 - 62	350 - 82.67	262.5 - 131.3
Voltage secondary	V	400	480	400	480	400	480
Current secondary	A	2880	2408	3608	3007	4547	3789
Vector	-	Dyn 11 / YNyn 0		Dyn 5		Dyn 11 / YNyn 0	
Coolant	-	Oil		Oil		Oil	
Protection	-	DGTP* HV overcurrent		DGTP* HV overcurrent		DGTP* HV overcurrent	
Connection points	-	M12		M12		M12	
Enclosure	ft	20		20		10	
Dimensions [LxWxH]	mm	6058 x 2438 x 2590		3029 x 2438 x 2590		3029 x 2438 x 2590	
Weight	kg	9000		9000		10600	

Model		4 MVA		6.3 MVA		8 MVA	
Frequency	Hz	50	60	50	60	50	60
Voltage primary	kV	5 - 22	6 - 23	5 - 22	6 - 23	5 - 23	6 - 23
Current primary	A	444 - 105	370 - 87.5	630 - 165.34	525 - 262.6	770 - 200	642 - 202
Voltage secondary	V	400	480	400	480	400	480
Current secondary	A	5774	4811	9094	7578	11546	9622
Vector	-	Dyn 11 / YNyn 0		Dyn 11 / YNyn 0		Dyn 11	
Coolant	-	Air		Oil		Midel 7131 / Air	
Protection	-	Hi Temp HV overcurrent		DGTP* HV overcurrent		DGTP* HV overcurrent	
Connection points	-	M12		M12		M12	
Enclosure	ft	10		20		20	
Dimensions [LxWxH]	mm	3029 x 2438 x 2590		6058 x 2438 x 2590		6058 x 2438 x 2896	
Weight	kg	10000		20200		26000	

* = 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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