



IRAN TRANSFO CORPORATION



Small Power Transformer

Medium Power Transformer

Large Power Transformer

Generator Step-up Transformer

► **Auto Transformer** ◀

Mobile Transformer

Special Transformer



Auto transformer's main advantage is that it can be made a lot cheaper for the same VA rating. Therefore in an Autotransformer the primary and secondary windings are linked together both electrically and magnetically. These types of transformers are in 3-phase or 1-phase applications and designed according to international standards such as IEC 60076. Normally, the cooling types of Auto Transformers are ONAN (oil-natural, air-natural) , ONAF (oil-natural, air-forced) , OFAF (oil-forced, air-forced) or ODAF (oil-directed, air-forced). Tapping can be designed with off-circuit or on-load tap changers. Even with ratings up to 600 MVA and voltages up to 420 kV , the feasibility limits have not yet been reached.

Some samples of our experiences in this group

Customer	Rated Power (MVA)	Rated Voltage HV/MV/LV (KV)	Vector Group	Cooling
PAKISTAN (NTDC)	250	220/132/11	YNa0d1	ONAN/ONAF
IPDC (Taghi Diza Sub.)	250	330/230/20	YNa0d11	ONAN/ONAF
Khozestan Reg.Elec.Co	160	230/132/33	YNa0d11	ONAN/ONAF
AZERBAIJAN(Salian Sub.)	125	220/110/10	YNa0d11	ONAN/ONAF
IPDC	315	400/230/20	YNa0d11	ONAN/ONAF
Khozestan Reg.Elec.Co	200	400/230/20	YNa0d11	ONAN/ONAF
Tehran Reg.Elec.Co	500(Bank)	400/230/20	YNa0d11	ONAN/ONAF
AFGHANISTAN(SAFANICU)	40	220/110/10	YNa0(+d)	ONAN/ONAF
Fars Reg.Elec.Co	200	400/230/21	YNa0d1	ONAN/ONAF
Kerman Reg.Elec.Co	40	230/132/20	YNa0d11	ONAN/ONAF
Azerbaijan Reg.Elec.Co	55	230/132/20	YNa0d11	OFAF



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