



IRAN TRANSFO CORPORATION



Small Power Transformer

Medium Power Transformer

► Large Power Transformer ◀

Generator Step-up Transformer

Auto Transformer

Mobile Transformer

Special Transformer



سازمان انرژی‌های تجدیدپذیر و بهره‌برداری برق
SOSAN
RENEWABLE ENERGY AND ELECTRICITY
UTILIZATION

Large power transformes with the power range of 200 MVA and above, typically used as network transformers. These types of transformers are in 3-phase or 1-phase application and are designed according to international standards such as IEC 60076. Normally, the cooling types of Large Power 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 both off-circuit or on-load tap changers. Even with rating up to 600 MVA and voltage 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
Fars Reg.Elec.Co	200	400/66/20	YNynd11	ONAN/ONAF
YEMEN (Parsian)	600(Bank)	400/132/33	YNyn0d11	ONAN/ONAF
Foolad Mobarakeh Esfehan	220	400/63/30.5	YNyn0d1	ONAN/ONAF
Fajr Petro.	315	145/132	Dd0	ONAN/ONAF
Esfehan Reg.Elec.Co	200	400/63/20	YNyn0d11	ONAN/ONAF
Bakhtar Reg.Elec.Co	200	400/63	Ynd11	ONAN/ONAF
Tehran Reg.Elec.Co	250	230/63	Ynd11	ONAN/ONAF
Kerman Reg.Elec.Co	200	400/132/20	YNyn0d11	ONAN/ONAF/ODAF
POGC	500(Bank)	400/132/20	YNyn0d11	ONAN/ONAF
Foolad Mobarakeh Esfehan	250	400/63/30.5	YNyn0d1	ONAN/ONAF



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