

QDTB® TRANSFORMER

S

Oil-Immersed Transformers

PRODUCT DATASHEET

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S — Series Overview

The S series three-phase oil-immersed distribution transformers serve North American markets, operating at 60Hz with standard primary voltages of 480V and secondary 240V per IEEE C57 / ANSI C84.1 standards. Rated 10–5000 kVA, 0.48–34.5 kV primary and 0.208–0.48 kV secondary, mineral-oil insulation with 65 K temperature rise. Suitable for utility distribution networks, substations, solar farms, and industrial power systems.

Key Features

- Three-phase oil-immersed construction
- 60Hz operation for North American markets
- IEEE C57 / ANSI C84.1 compliant
- ONAN cooling for reliable outdoor operation

Typical Applications

- North American distribution networks
- Commercial and industrial power distribution
- 480V/240V step-down applications

Model Number Breakdown

S — Three-phase power transformer

Model Specifications

302 model(s) in the S series. Weight and dimensions are typical reference values, subject to confirmation.

Model	Rated Capacity	HV Voltage	LV Voltage	Connection	Cooling	No-load Loss (W)	Load Loss (W)	No-load Current (%)	Impedance (%)	Noise (dB)	Insulation Class	Standard	Weight (kg) †	Dimensions (L×W×H) †	Oil Weight (kg) †
S-10/480/240	10	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	ONAN	530	1325	1.3	4	≤33 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	250 kg	650×450×750 mm	70 kg
S-10/690/400	10	0.69 kV	0.4 kV	Dyn11 (IEC)	ONAN	530	1325	1.3	4	≤33 dB(A)	A (105°C)	IEC 60076	250 kg	650×450×750 mm	70 kg
S-10/6/480	10	6 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	530	1325	1.3	4	≤33 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	250 kg	650×450×750 mm	70 kg
S-10/11/400	10	11 kV	0.4 kV	Dyn11 (IEC)	ONAN	530	1325	1.3	4	≤33 dB(A)	A (105°C)	IEC 60076	250 kg	650×450×750 mm	70 kg
S-10/20/400	10	20 kV	0.4 kV	Dyn11 (IEC)	ONAN	530	1325	1.3	4	≤33 dB(A)	A (105°C)	IEC 60076	250 kg	650×450×750 mm	70 kg
S-10/33/400	10	33 kV	0.4 kV	Dyn11 (IEC)	ONAN	530	1325	1.3	4	≤33 dB(A)	A (105°C)	IEC 60076	250 kg	650×450×750 mm	70 kg
S-15/480/240	15	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	ONAN	720	1800	1.1	4	≤33 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	270 kg	675×475×775 mm	75 kg
S-15/690/400	15	0.69 kV	0.4 kV	Dyn11 (IEC)	ONAN	720	1800	1.1	4	≤33 dB(A)	A (105°C)	IEC 60076	270 kg	675×475×775 mm	75 kg
S-15/6/480	15	6 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	720	1800	1.1	4	≤33 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	270 kg	675×475×775 mm	75 kg
S-15/11/400	15	11 kV	0.4 kV	Dyn11 (IEC)	ONAN	720	1800	1.1	4	≤33 dB(A)	A (105°C)	IEC 60076	270 kg	675×475×775 mm	75 kg
S-15/20/400	15	20 kV	0.4 kV	Dyn11 (IEC)	ONAN	720	1800	1.1	4	≤33 dB(A)	A (105°C)	IEC 60076	270 kg	675×475×775 mm	75 kg
S-15/33/400	15	33 kV	0.4 kV	Dyn11 (IEC)	ONAN	720	1800	1.1	4	≤33 dB(A)	A (105°C)	IEC 60076	270 kg	675×475×775 mm	75 kg
S-15/480/277	15	0.48 kV	0.277 kV	Delta-Wye (IEEE Std)	ONAN	580	1450	1.1	4	≤33 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	270 kg	675×475×775 mm	75 kg

Model	Rated Capacity	HV Voltage	LV Voltage	Connection	Cooling	No-load Loss (W)	Load Loss (W)	No-load Current (%)	Impedance (%)	Noise (dB)	Insulation Class	Standard	Weight (kg) †	Dimensions (L×W×H) †	Oil Weight (kg) †
S-15/600/208	15	0.6 kV	0.208 kV	Delta-Wye (IEEE Std)	ONAN	580	1450	1.1	4	≤33 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	270 kg	675×475×775 mm	75 kg
S-15/600/347	15	0.6 kV	0.347 kV	Delta-Wye (IEEE Std)	ONAN	580	1450	1.1	4	≤33 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	270 kg	675×475×775 mm	75 kg
S-15/2/480	15	2.4 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	580	1450	1.1	4	≤33 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	270 kg	675×475×775 mm	75 kg
S-15/4/480	15	4.16 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	580	1450	1.1	4	≤33 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	270 kg	675×475×775 mm	75 kg
S-15/13/480	15	13.8 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	580	1450	1.1	4	≤33 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	270 kg	675×475×775 mm	75 kg
S-15/6/400	15	6.6 kV	0.4 kV	Delta-Wye (IEEE Std)	ONAN	580	1450	1.1	4	≤33 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	270 kg	675×475×775 mm	75 kg
S-15/13/400	15	13.2 kV	0.4 kV	Delta-Wye (IEEE Std)	ONAN	580	1450	1.1	4	≤33 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	270 kg	675×475×775 mm	75 kg
S-15/22/380	15	22.9 kV	0.38 kV	Delta-Wye (IEEE Std)	ONAN	580	1450	1.1	4	≤33 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	270 kg	675×475×775 mm	75 kg
S-15/34/480	15	34.5 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	580	1450	1.1	4	≤33 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	270 kg	675×475×775 mm	75 kg
S-20/480/240	20	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	ONAN	890	2225	1	4	≤34 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	290 kg	700×500×800 mm	80 kg
S-20/690/400	20	0.69 kV	0.4 kV	Dyn11 (IEC)	ONAN	890	2225	1	4	≤34 dB(A)	A (105°C)	IEC 60076	290 kg	700×500×800 mm	80 kg

Model	Rated Capacity	HV Voltage	LV Voltage	Connection	Cooling	No-load Loss (W)	Load Loss (W)	No-load Current (%)	Impedance (%)	Noise (dB)	Insulation Class	Standard	Weight (kg) †	Dimensions (L×W×H) †	Oil Weight (kg) †
S-20/6/480	20	6 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	890	2225	1	4	≤34 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	290 kg	700×500×800 mm	80 kg
S-20/11/400	20	11 kV	0.4 kV	Dyn11 (IEC)	ONAN	890	2225	1	4	≤34 dB(A)	A (105°C)	IEC 60076	290 kg	700×500×800 mm	80 kg
S-20/20/400	20	20 kV	0.4 kV	Dyn11 (IEC)	ONAN	890	2225	1	4	≤34 dB(A)	A (105°C)	IEC 60076	290 kg	700×500×800 mm	80 kg
S-20/33/400	20	33 kV	0.4 kV	Dyn11 (IEC)	ONAN	890	2225	1	4	≤34 dB(A)	A (105°C)	IEC 60076	290 kg	700×500×800 mm	80 kg
S-25/480/240	25	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	ONAN	1060	2650	0.9	4	≤34 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	315 kg	785×550×825 mm	85 kg
S-25/690/400	25	0.69 kV	0.4 kV	Dyn11 (IEC)	ONAN	1060	2650	0.9	4	≤34 dB(A)	A (105°C)	IEC 60076	315 kg	785×550×825 mm	85 kg
S-25/6/480	25	6 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	1060	2650	0.9	4	≤34 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	315 kg	785×550×825 mm	85 kg
S-25/11/400	25	11 kV	0.4 kV	Dyn11 (IEC)	ONAN	1060	2650	0.9	4	≤34 dB(A)	A (105°C)	IEC 60076	315 kg	785×550×825 mm	85 kg
S-25/20/400	25	20 kV	0.4 kV	Dyn11 (IEC)	ONAN	1060	2650	0.9	4	≤34 dB(A)	A (105°C)	IEC 60076	315 kg	785×550×825 mm	85 kg
S-25/33/400	25	33 kV	0.4 kV	Dyn11 (IEC)	ONAN	1060	2650	0.9	4	≤34 dB(A)	A (105°C)	IEC 60076	315 kg	785×550×825 mm	85 kg
S-30/480/240	30	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	ONAN	1210	3025	0.9	4	≤34 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	340 kg	870×600×850 mm	90 kg
S-30/690/400	30	0.69 kV	0.4 kV	Dyn11 (IEC)	ONAN	1210	3025	0.9	4	≤34 dB(A)	A (105°C)	IEC 60076	340 kg	870×600×850 mm	90 kg
S-30/6/480	30	6 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	1210	3025	0.9	4	≤34 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	340 kg	870×600×850 mm	90 kg
S-30/11/400	30	11 kV	0.4 kV	Dyn11 (IEC)	ONAN	1210	3025	0.9	4	≤34 dB(A)	A (105°C)	IEC 60076	340 kg	870×600×850 mm	90 kg
S-30/20/400	30	20 kV	0.4 kV	Dyn11 (IEC)	ONAN	1210	3025	0.9	4	≤34 dB(A)	A (105°C)	IEC 60076	340 kg	870×600×850 mm	90 kg

Model	Rated Capacity	HV Voltage	LV Voltage	Connection	Cooling	No-load Loss (W)	Load Loss (W)	No-load Current (%)	Impedance (%)	Noise (dB)	Insulation Class	Standard	Weight (kg) †	Dimensions (L×W×H) †	Oil Weight (kg) †
S-30/33/400	30	33 kV	0.4 kV	Dyn11 (IEC)	ONAN	1210	3025	0.9	4	≤34 dB(A)	A (105°C)	IEC 60076	340 kg	870×600×850 mm	90 kg
S-30/480/277	30	0.48 kV	0.277 kV	Delta-Wye (IEEE Std)	ONAN	980	2450	0.9	4	≤34 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	340 kg	870×600×850 mm	90 kg
S-30/600/208	30	0.6 kV	0.208 kV	Delta-Wye (IEEE Std)	ONAN	980	2450	0.9	4	≤34 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	340 kg	870×600×850 mm	90 kg
S-30/600/347	30	0.6 kV	0.347 kV	Delta-Wye (IEEE Std)	ONAN	980	2450	0.9	4	≤34 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	340 kg	870×600×850 mm	90 kg
S-30/2/480	30	2.4 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	980	2450	0.9	4	≤34 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	340 kg	870×600×850 mm	90 kg
S-30/4/480	30	4.16 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	980	2450	0.9	4	≤34 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	340 kg	870×600×850 mm	90 kg
S-30/13/480	30	13.8 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	980	2450	0.9	4	≤34 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	340 kg	870×600×850 mm	90 kg
S-30/6/400	30	6.6 kV	0.4 kV	Delta-Wye (IEEE Std)	ONAN	980	2450	0.9	4	≤34 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	340 kg	870×600×850 mm	90 kg
S-30/13/400	30	13.2 kV	0.4 kV	Delta-Wye (IEEE Std)	ONAN	980	2450	0.9	4	≤34 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	340 kg	870×600×850 mm	90 kg
S-30/22/380	30	22.9 kV	0.38 kV	Delta-Wye (IEEE Std)	ONAN	980	2450	0.9	4	≤34 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	340 kg	870×600×850 mm	90 kg
S-30/34/480	30	34.5 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	980	2450	0.9	4	≤34 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	340 kg	870×600×850 mm	90 kg

Model	Rated Capacity	HV Voltage	LV Voltage	Connection	Cooling	No-load Loss (W)	Load Loss (W)	No-load Current (%)	Impedance (%)	Noise (dB)	Insulation Class	Standard	Weight (kg) †	Dimensions (L×W×H) †	Oil Weight (kg) †
S-40/480/240	40	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	ONAN	1500	3750	0.8	4	≤35 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	405 kg	885×610×875 mm	100 kg
S-40/690/400	40	0.69 kV	0.4 kV	Dyn11 (IEC)	ONAN	1500	3750	0.8	4	≤35 dB(A)	A (105°C)	IEC 60076	405 kg	885×610×875 mm	100 kg
S-40/6/480	40	6 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	1500	3750	0.8	4	≤35 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	405 kg	885×610×875 mm	100 kg
S-40/11/400	40	11 kV	0.4 kV	Dyn11 (IEC)	ONAN	1500	3750	0.8	4	≤35 dB(A)	A (105°C)	IEC 60076	405 kg	885×610×875 mm	100 kg
S-40/20/400	40	20 kV	0.4 kV	Dyn11 (IEC)	ONAN	1500	3750	0.8	4	≤35 dB(A)	A (105°C)	IEC 60076	405 kg	885×610×875 mm	100 kg
S-40/33/400	40	33 kV	0.4 kV	Dyn11 (IEC)	ONAN	1500	3750	0.8	4	≤35 dB(A)	A (105°C)	IEC 60076	405 kg	885×610×875 mm	100 kg
S-45/480/277	45	0.48 kV	0.277 kV	Delta-Wye (IEEE Std)	ONAN	1330	3325	0.8	4	≤35 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	440 kg	890×615×890 mm	105 kg
S-45/600/208	45	0.6 kV	0.208 kV	Delta-Wye (IEEE Std)	ONAN	1330	3325	0.8	4	≤35 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	440 kg	890×615×890 mm	105 kg
S-45/600/347	45	0.6 kV	0.347 kV	Delta-Wye (IEEE Std)	ONAN	1330	3325	0.8	4	≤35 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	440 kg	890×615×890 mm	105 kg
S-45/2/480	45	2.4 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	1330	3325	0.8	4	≤35 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	440 kg	890×615×890 mm	105 kg
S-45/4/480	45	4.16 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	1330	3325	0.8	4	≤35 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	440 kg	890×615×890 mm	105 kg
S-45/13/480	45	13.8 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	1330	3325	0.8	4	≤35 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	440 kg	890×615×890 mm	105 kg

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S-45/6/400	45	6.6 kV	0.4 kV	Delta-Wye (IEEE Std)	ONAN	1330	3325	0.8	4	≤35 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	440 kg	890×615×890 mm	105 kg
S-45/13/400	45	13.2 kV	0.4 kV	Delta-Wye (IEEE Std)	ONAN	1330	3325	0.8	4	≤35 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	440 kg	890×615×890 mm	105 kg
S-45/22/380	45	22.9 kV	0.38 kV	Delta-Wye (IEEE Std)	ONAN	1330	3325	0.8	4	≤35 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	440 kg	890×615×890 mm	105 kg
S-45/34/480	45	34.5 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	1330	3325	0.8	4	≤35 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	440 kg	890×615×890 mm	105 kg
S-50/480/240	50	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	ONAN	1780	4450	0.7	4	≤35 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	470 kg	900×620×900 mm	110 kg
S-50/690/400	50	0.69 kV	0.4 kV	Dyn11 (IEC)	ONAN	1780	4450	0.7	4	≤35 dB(A)	A (105°C)	IEC 60076	470 kg	900×620×900 mm	110 kg
S-50/6/480	50	6 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	1780	4450	0.7	4	≤35 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	470 kg	900×620×900 mm	110 kg
S-50/11/400	50	11 kV	0.4 kV	Dyn11 (IEC)	ONAN	1780	4450	0.7	4	≤35 dB(A)	A (105°C)	IEC 60076	470 kg	900×620×900 mm	110 kg
S-50/20/400	50	20 kV	0.4 kV	Dyn11 (IEC)	ONAN	1780	4450	0.7	4	≤35 dB(A)	A (105°C)	IEC 60076	470 kg	900×620×900 mm	110 kg
S-50/33/400	50	33 kV	0.4 kV	Dyn11 (IEC)	ONAN	1780	4450	0.7	4	≤35 dB(A)	A (105°C)	IEC 60076	470 kg	900×620×900 mm	110 kg
S-63/480/240	63	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	ONAN	2110	5275	0.7	4	≤36 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	525 kg	945×645×945 mm	120 kg
S-63/690/400	63	0.69 kV	0.4 kV	Dyn11 (IEC)	ONAN	2110	5275	0.7	4	≤36 dB(A)	A (105°C)	IEC 60076	525 kg	945×645×945 mm	120 kg
S-63/6/480	63	6 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	2110	5275	0.7	4	≤36 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	525 kg	945×645×945 mm	120 kg

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S-63/11/400	63	11 kV	0.4 kV	Dyn11 (IEC)	ONAN	2110	5275	0.7	4	≤36 dB(A)	A (105°C)	IEC 60076	525 kg	945×645×945 mm	120 kg
S-63/20/400	63	20 kV	0.4 kV	Dyn11 (IEC)	ONAN	2110	5275	0.7	4	≤36 dB(A)	A (105°C)	IEC 60076	525 kg	945×645×945 mm	120 kg
S-63/33/400	63	33 kV	0.4 kV	Dyn11 (IEC)	ONAN	2110	5275	0.7	4	≤36 dB(A)	A (105°C)	IEC 60076	525 kg	945×645×945 mm	120 kg
S-75/480/277	75	0.48 kV	0.277 kV	Delta-Wye (IEEE Std)	ONAN	1950	4875	0.6	4	≤36 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	580 kg	985×670×985 mm	130 kg
S-75/600/208	75	0.6 kV	0.208 kV	Delta-Wye (IEEE Std)	ONAN	1950	4875	0.6	4	≤36 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	580 kg	985×670×985 mm	130 kg
S-75/600/347	75	0.6 kV	0.347 kV	Delta-Wye (IEEE Std)	ONAN	1950	4875	0.6	4	≤36 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	580 kg	985×670×985 mm	130 kg
S-75/2/480	75	2.4 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	1950	4875	0.6	4	≤36 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	580 kg	985×670×985 mm	130 kg
S-75/4/480	75	4.16 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	1950	4875	0.6	4	≤36 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	580 kg	985×670×985 mm	130 kg
S-75/13/480	75	13.8 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	1950	4875	0.6	4	≤36 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	580 kg	985×670×985 mm	130 kg
S-75/6/400	75	6.6 kV	0.4 kV	Delta-Wye (IEEE Std)	ONAN	1950	4875	0.6	4	≤36 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	580 kg	985×670×985 mm	130 kg
S-75/13/400	75	13.2 kV	0.4 kV	Delta-Wye (IEEE Std)	ONAN	1950	4875	0.6	4	≤36 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	580 kg	985×670×985 mm	130 kg
S-75/22/380	75	22.9 kV	0.38 kV	Delta-Wye (IEEE Std)	ONAN	1950	4875	0.6	4	≤36 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	580 kg	985×670×985 mm	130 kg

Model	Rated Capacity	HV Voltage	LV Voltage	Connection	Cooling	No-load Loss (W)	Load Loss (W)	No-load Current (%)	Impedance (%)	Noise (dB)	Insulation Class	Standard	Weight (kg) †	Dimensions (L×W×H) †	Oil Weight (kg) †
S-75/34/480	75	34.5 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	1950	4875	0.6	4	≤36 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	580 kg	985×670×985 mm	130 kg
S-80/480/240	80	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	ONAN	2530	6325	0.6	4	≤37 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	600 kg	1000×680×1000 mm	135 kg
S-80/690/400	80	0.69 kV	0.4 kV	Dyn11 (IEC)	ONAN	2530	6325	0.6	4	≤37 dB(A)	A (105°C)	IEC 60076	600 kg	1000×680×1000 mm	135 kg
S-80/6/480	80	6 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	2530	6325	0.6	4	≤37 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	600 kg	1000×680×1000 mm	135 kg
S-80/11/400	80	11 kV	0.4 kV	Dyn11 (IEC)	ONAN	2530	6325	0.6	4	≤37 dB(A)	A (105°C)	IEC 60076	600 kg	1000×680×1000 mm	135 kg
S-80/20/400	80	20 kV	0.4 kV	Dyn11 (IEC)	ONAN	2530	6325	0.6	4	≤37 dB(A)	A (105°C)	IEC 60076	600 kg	1000×680×1000 mm	135 kg
S-80/33/400	80	33 kV	0.4 kV	Dyn11 (IEC)	ONAN	2530	6325	0.6	4	≤37 dB(A)	A (105°C)	IEC 60076	600 kg	1000×680×1000 mm	135 kg
S-100/480/240	100	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	ONAN	2990	7475	0.6	4	≤37 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	670 kg	1050×700×1080 mm	155 kg
S-100/690/400	100	0.69 kV	0.4 kV	Dyn11 (IEC)	ONAN	2990	7475	0.6	4	≤37 dB(A)	A (105°C)	IEC 60076	670 kg	1050×700×1080 mm	155 kg
S-100/6/480	100	6 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	2990	7475	0.6	4	≤37 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	670 kg	1050×700×1080 mm	155 kg
S-100/11/400	100	11 kV	0.4 kV	Dyn11 (IEC)	ONAN	2990	7475	0.6	4	≤37 dB(A)	A (105°C)	IEC 60076	670 kg	1050×700×1080 mm	155 kg
S-100/20/400	100	20 kV	0.4 kV	Dyn11 (IEC)	ONAN	2990	7475	0.6	4	≤37 dB(A)	A (105°C)	IEC 60076	670 kg	1050×700×1080 mm	155 kg
S-100/33/400	100	33 kV	0.4 kV	Dyn11 (IEC)	ONAN	2990	7475	0.6	4	≤37 dB(A)	A (105°C)	IEC 60076	670 kg	1050×700×1080 mm	155 kg
S-112.5/480/277	112.5	0.48 kV	0.277 kV	Delta-Wye (IEEE Std)	ONAN	2640	6600	0.6	4	≤37 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	700 kg	1065×710×1090 mm	160 kg

Model	Rated Capacity	HV Voltage	LV Voltage	Connection	Cooling	No-load Loss (W)	Load Loss (W)	No-load Current (%)	Impedance (%)	Noise (dB)	Insulation Class	Standard	Weight (kg) †	Dimensions (L×W×H) †	Oil Weight (kg) †
S-112.5/600/208	112.5	0.6 kV	0.208 kV	Delta-Wye (IEEE Std)	ONAN	2640	6600	0.6	4	≤37 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	700 kg	1065×710×1090 mm	160 kg
S-112.5/600/347	112.5	0.6 kV	0.347 kV	Delta-Wye (IEEE Std)	ONAN	2640	6600	0.6	4	≤37 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	700 kg	1065×710×1090 mm	160 kg
S-112.5/2/480	112.5	2.4 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	2640	6600	0.6	4	≤37 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	700 kg	1065×710×1090 mm	160 kg
S-112.5/4/480	112.5	4.16 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	2640	6600	0.6	4	≤37 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	700 kg	1065×710×1090 mm	160 kg
S-112.5/13/480	112.5	13.8 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	2640	6600	0.6	4	≤37 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	700 kg	1065×710×1090 mm	160 kg
S-112.5/6/400	112.5	6.6 kV	0.4 kV	Delta-Wye (IEEE Std)	ONAN	2640	6600	0.6	4	≤37 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	700 kg	1065×710×1090 mm	160 kg
S-112.5/13/400	112.5	13.2 kV	0.4 kV	Delta-Wye (IEEE Std)	ONAN	2640	6600	0.6	4	≤37 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	700 kg	1065×710×1090 mm	160 kg
S-112.5/22/380	112.5	22.9 kV	0.38 kV	Delta-Wye (IEEE Std)	ONAN	2640	6600	0.6	4	≤37 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	700 kg	1065×710×1090 mm	160 kg
S-112.5/34/480	112.5	34.5 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	2640	6600	0.6	4	≤37 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	700 kg	1065×710×1090 mm	160 kg
S-125/480/240	125	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	ONAN	3530	8825	0.5	4.5	≤38 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	730 kg	1080×720×1100 mm	170 kg
S-125/690/400	125	0.69 kV	0.4 kV	Dyn11 (IEC)	ONAN	3530	8825	0.5	4.5	≤38 dB(A)	A (105°C)	IEC 60076	730 kg	1080×720×1100 mm	170 kg

Model	Rated Capacity	HV Voltage	LV Voltage	Connection	Cooling	No-load Loss (W)	Load Loss (W)	No-load Current (%)	Impedance (%)	Noise (dB)	Insulation Class	Standard	Weight (kg) †	Dimensions (L×W×H) †	Oil Weight (kg) †
S-125/6/480	125	6 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	3530	8825	0.5	4.5	≤38 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	730 kg	1080×720×1100 mm	170 kg
S-125/11/400	125	11 kV	0.4 kV	Dyn11 (IEC)	ONAN	3530	8825	0.5	4.5	≤38 dB(A)	A (105°C)	IEC 60076	730 kg	1080×720×1100 mm	170 kg
S-125/20/400	125	20 kV	0.4 kV	Dyn11 (IEC)	ONAN	3530	8825	0.5	4.5	≤38 dB(A)	A (105°C)	IEC 60076	730 kg	1080×720×1100 mm	170 kg
S-125/33/400	125	33 kV	0.4 kV	Dyn11 (IEC)	ONAN	3530	8825	0.5	4.5	≤38 dB(A)	A (105°C)	IEC 60076	730 kg	1080×720×1100 mm	170 kg
S-150/480/277	150	0.48 kV	0.277 kV	Delta-Wye (IEEE Std)	ONAN	3280	8200	0.5	4	≤38 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	780 kg	1100×900×1235 mm	185 kg
S-150/600/208	150	0.6 kV	0.208 kV	Delta-Wye (IEEE Std)	ONAN	3280	8200	0.5	4	≤38 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	780 kg	1100×900×1235 mm	185 kg
S-150/600/347	150	0.6 kV	0.347 kV	Delta-Wye (IEEE Std)	ONAN	3280	8200	0.5	4	≤38 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	780 kg	1100×900×1235 mm	185 kg
S-150/2/480	150	2.4 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	3280	8200	0.5	4	≤38 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	780 kg	1100×900×1235 mm	185 kg
S-150/4/480	150	4.16 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	3280	8200	0.5	4	≤38 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	780 kg	1100×900×1235 mm	185 kg
S-150/13/480	150	13.8 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	3280	8200	0.5	4	≤38 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	780 kg	1100×900×1235 mm	185 kg
S-150/6/400	150	6.6 kV	0.4 kV	Delta-Wye (IEEE Std)	ONAN	3280	8200	0.5	4	≤38 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	780 kg	1100×900×1235 mm	185 kg
S-150/13/400	150	13.2 kV	0.4 kV	Delta-Wye (IEEE Std)	ONAN	3280	8200	0.5	4	≤38 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	780 kg	1100×900×1235 mm	185 kg

Model	Rated Capacity	HV Voltage	LV Voltage	Connection	Cooling	No-load Loss (W)	Load Loss (W)	No-load Current (%)	Impedance (%)	Noise (dB)	Insulation Class	Standard	Weight (kg) †	Dimensions (L×W×H) †	Oil Weight (kg) †
S-150/22/380	150	22.9 kV	0.38 kV	Delta-Wye (IEEE Std)	ONAN	3280	8200	0.5	4	≤38 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	780 kg	1100×900×1235 mm	185 kg
S-150/34/480	150	34.5 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	3280	8200	0.5	4	≤38 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	780 kg	1100×900×1235 mm	185 kg
S-160/480/240	160	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	ONAN	4250	10625	0.5	4.5	≤38 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	800 kg	1110×970×1290 mm	190 kg
S-160/690/400	160	0.69 kV	0.4 kV	Dyn11 (IEC)	ONAN	4250	10625	0.5	4.5	≤38 dB(A)	A (105°C)	IEC 60076	800 kg	1110×970×1290 mm	190 kg
S-160/6/480	160	6 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	4250	10625	0.5	4.5	≤38 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	800 kg	1110×970×1290 mm	190 kg
S-160/11/400	160	11 kV	0.4 kV	Dyn11 (IEC)	ONAN	4250	10625	0.5	4.5	≤38 dB(A)	A (105°C)	IEC 60076	800 kg	1110×970×1290 mm	190 kg
S-160/20/400	160	20 kV	0.4 kV	Dyn11 (IEC)	ONAN	4250	10625	0.5	4.5	≤38 dB(A)	A (105°C)	IEC 60076	800 kg	1110×970×1290 mm	190 kg
S-160/33/400	160	33 kV	0.4 kV	Dyn11 (IEC)	ONAN	4250	10625	0.5	4.5	≤38 dB(A)	A (105°C)	IEC 60076	800 kg	1110×970×1290 mm	190 kg
S-200/480/240	200	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	ONAN	5030	12575	0.5	4.5	≤39 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	930 kg	1180×1020×1310 mm	215 kg
S-200/690/400	200	0.69 kV	0.4 kV	Dyn11 (IEC)	ONAN	5030	12575	0.5	4.5	≤39 dB(A)	A (105°C)	IEC 60076	930 kg	1180×1020×1310 mm	215 kg
S-200/6/480	200	6 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	5030	12575	0.5	4.5	≤39 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	930 kg	1180×1020×1310 mm	215 kg
S-200/11/400	200	11 kV	0.4 kV	Dyn11 (IEC)	ONAN	5030	12575	0.5	4.5	≤39 dB(A)	A (105°C)	IEC 60076	930 kg	1180×1020×1310 mm	215 kg
S-200/20/400	200	20 kV	0.4 kV	Dyn11 (IEC)	ONAN	5030	12575	0.5	4.5	≤39 dB(A)	A (105°C)	IEC 60076	930 kg	1180×1020×1310 mm	215 kg
S-200/33/400	200	33 kV	0.4 kV	Dyn11 (IEC)	ONAN	5030	12575	0.5	4.5	≤39 dB(A)	A (105°C)	IEC 60076	930 kg	1180×1020×1310 mm	215 kg

Model	Rated Capacity	HV Voltage	LV Voltage	Connection	Cooling	No-load Loss (W)	Load Loss (W)	No-load Current (%)	Impedance (%)	Noise (dB)	Insulation Class	Standard	Weight (kg) †	Dimensions (L×W×H) †	Oil Weight (kg) †
S-225/480/277	225	0.48 kV	0.277 kV	Delta-Wye (IEEE Std)	ONAN	4440	11100	0.5	4	≤39 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	990 kg	1185×1025×1305 mm	230 kg
S-225/600/208	225	0.6 kV	0.208 kV	Delta-Wye (IEEE Std)	ONAN	4440	11100	0.5	4	≤39 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	990 kg	1185×1025×1305 mm	230 kg
S-225/600/347	225	0.6 kV	0.347 kV	Delta-Wye (IEEE Std)	ONAN	4440	11100	0.5	4	≤39 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	990 kg	1185×1025×1305 mm	230 kg
S-225/2/480	225	2.4 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	4440	11100	0.5	4	≤39 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	990 kg	1185×1025×1305 mm	230 kg
S-225/4/480	225	4.16 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	4440	11100	0.5	4	≤39 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	990 kg	1185×1025×1305 mm	230 kg
S-225/13/480	225	13.8 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	4440	11100	0.5	4	≤39 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	990 kg	1185×1025×1305 mm	230 kg
S-225/6/400	225	6.6 kV	0.4 kV	Delta-Wye (IEEE Std)	ONAN	4440	11100	0.5	4	≤39 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	990 kg	1185×1025×1305 mm	230 kg
S-225/13/400	225	13.2 kV	0.4 kV	Delta-Wye (IEEE Std)	ONAN	4440	11100	0.5	4	≤39 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	990 kg	1185×1025×1305 mm	230 kg
S-225/22/380	225	22.9 kV	0.38 kV	Delta-Wye (IEEE Std)	ONAN	4440	11100	0.5	4	≤39 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	990 kg	1185×1025×1305 mm	230 kg
S-225/34/480	225	34.5 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	4440	11100	0.5	4	≤39 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	990 kg	1185×1025×1305 mm	230 kg
S-250/480/240	250	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	ONAN	5940	14850	0.4	4.5	≤40 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	1050 kg	1190×1030×1300 mm	245 kg

Model	Rated Capacity	HV Voltage	LV Voltage	Connection	Cooling	No-load Loss (W)	Load Loss (W)	No-load Current (%)	Impedance (%)	Noise (dB)	Insulation Class	Standard	Weight (kg) †	Dimensions (L×W×H) †	Oil Weight (kg) †
S-250/690/400	250	0.69 kV	0.4 kV	Dyn11 (IEC)	ONAN	5940	14850	0.4	4.5	≤40 dB(A)	A (105°C)	IEC 60076	1050 kg	1190×1030×1300 mm	245 kg
S-250/6/480	250	6 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	5940	14850	0.4	4.5	≤40 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	1050 kg	1190×1030×1300 mm	245 kg
S-250/11/400	250	11 kV	0.4 kV	Dyn11 (IEC)	ONAN	5940	14850	0.4	4.5	≤40 dB(A)	A (105°C)	IEC 60076	1050 kg	1190×1030×1300 mm	245 kg
S-250/20/400	250	20 kV	0.4 kV	Dyn11 (IEC)	ONAN	5940	14850	0.4	4.5	≤40 dB(A)	A (105°C)	IEC 60076	1050 kg	1190×1030×1300 mm	245 kg
S-250/33/400	250	33 kV	0.4 kV	Dyn11 (IEC)	ONAN	5940	14850	0.4	4.5	≤40 dB(A)	A (105°C)	IEC 60076	1050 kg	1190×1030×1300 mm	245 kg
S-300/480/277	300	0.48 kV	0.277 kV	Delta-Wye (IEEE Std)	ONAN	5510	13775	0.4	4	≤40 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	1205 kg	1265×1100×1345 mm	280 kg
S-300/600/208	300	0.6 kV	0.208 kV	Delta-Wye (IEEE Std)	ONAN	5510	13775	0.4	4	≤40 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	1205 kg	1265×1100×1345 mm	280 kg
S-300/600/347	300	0.6 kV	0.347 kV	Delta-Wye (IEEE Std)	ONAN	5510	13775	0.4	4	≤40 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	1205 kg	1265×1100×1345 mm	280 kg
S-300/2/480	300	2.4 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	5510	13775	0.4	4	≤40 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	1205 kg	1265×1100×1345 mm	280 kg
S-300/4/480	300	4.16 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	5510	13775	0.4	4	≤40 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	1205 kg	1265×1100×1345 mm	280 kg
S-300/13/480	300	13.8 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	5510	13775	0.4	4	≤40 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	1205 kg	1265×1100×1345 mm	280 kg
S-300/6/400	300	6.6 kV	0.4 kV	Delta-Wye (IEEE Std)	ONAN	5510	13775	0.4	4	≤40 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	1205 kg	1265×1100×1345 mm	280 kg

Model	Rated Capacity	HV Voltage	LV Voltage	Connection	Cooling	No-load Loss (W)	Load Loss (W)	No-load Current (%)	Impedance (%)	Noise (dB)	Insulation Class	Standard	Weight (kg) †	Dimensions (L×W×H) †	Oil Weight (kg) †
S-300/13/400	300	13.2 kV	0.4 kV	Delta-Wye (IEEE Std)	ONAN	5510	13775	0.4	4	≤40 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	1205 kg	1265×1100×1345 mm	280 kg
S-300/22/380	300	22.9 kV	0.38 kV	Delta-Wye (IEEE Std)	ONAN	5510	13775	0.4	4	≤40 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	1205 kg	1265×1100×1345 mm	280 kg
S-300/34/480	300	34.5 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	5510	13775	0.4	4	≤40 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	1205 kg	1265×1100×1345 mm	280 kg
S-315/480/240	315	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	ONAN	7070	17675	0.4	4.5	≤40 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	1250 kg	1290×1120×1360 mm	290 kg
S-315/690/400	315	0.69 kV	0.4 kV	Dyn11 (IEC)	ONAN	7070	17675	0.4	4.5	≤40 dB(A)	A (105°C)	IEC 60076	1250 kg	1290×1120×1360 mm	290 kg
S-315/6/480	315	6 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	7070	17675	0.4	4.5	≤40 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	1250 kg	1290×1120×1360 mm	290 kg
S-315/11/400	315	11 kV	0.4 kV	Dyn11 (IEC)	ONAN	7070	17675	0.4	4.5	≤40 dB(A)	A (105°C)	IEC 60076	1250 kg	1290×1120×1360 mm	290 kg
S-315/20/400	315	20 kV	0.4 kV	Dyn11 (IEC)	ONAN	7070	17675	0.4	4.5	≤40 dB(A)	A (105°C)	IEC 60076	1250 kg	1290×1120×1360 mm	290 kg
S-315/33/400	315	33 kV	0.4 kV	Dyn11 (IEC)	ONAN	7070	17675	0.4	4.5	≤40 dB(A)	A (105°C)	IEC 60076	1250 kg	1290×1120×1360 mm	290 kg
S-400/480/240	400	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	ONAN	8450	21125	0.4	4.5	≤41 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	1400 kg	1280×1110×1410 mm	330 kg
S-400/690/400	400	0.69 kV	0.4 kV	Dyn11 (IEC)	ONAN	8450	21125	0.4	4.5	≤41 dB(A)	A (105°C)	IEC 60076	1400 kg	1280×1110×1410 mm	330 kg
S-400/6/480	400	6 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	8450	21125	0.4	4.5	≤41 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	1400 kg	1280×1110×1410 mm	330 kg
S-400/11/400	400	11 kV	0.4 kV	Dyn11 (IEC)	ONAN	8450	21125	0.4	4.5	≤41 dB(A)	A (105°C)	IEC 60076	1400 kg	1280×1110×1410 mm	330 kg
S-400/20/400	400	20 kV	0.4 kV	Dyn11 (IEC)	ONAN	8450	21125	0.4	4.5	≤41 dB(A)	A (105°C)	IEC 60076	1400 kg	1280×1110×1410 mm	330 kg

Model	Rated Capacity	HV Voltage	LV Voltage	Connection	Cooling	No-load Loss (W)	Load Loss (W)	No-load Current (%)	Impedance (%)	Noise (dB)	Insulation Class	Standard	Weight (kg) †	Dimensions (L×W×H) †	Oil Weight (kg) †
S-400/33/400	400	33 kV	0.4 kV	Dyn11 (IEC)	ONAN	8450	21125	0.4	4.5	≤41 dB(A)	A (105°C)	IEC 60076	1400 kg	1280×1110×1410 mm	330 kg
S-500/480/240	500	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	ONAN	9990	24975	0.4	4.5	≤42 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	1580 kg	1400×1210×1420 mm	370 kg
S-500/690/400	500	0.69 kV	0.4 kV	Dyn11 (IEC)	ONAN	9990	24975	0.4	4.5	≤42 dB(A)	A (105°C)	IEC 60076	1580 kg	1400×1210×1420 mm	370 kg
S-500/6/480	500	6 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	9990	24975	0.4	4.5	≤42 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	1580 kg	1400×1210×1420 mm	370 kg
S-500/11/400	500	11 kV	0.4 kV	Dyn11 (IEC)	ONAN	9990	24975	0.4	4.5	≤42 dB(A)	A (105°C)	IEC 60076	1580 kg	1400×1210×1420 mm	370 kg
S-500/20/400	500	20 kV	0.4 kV	Dyn11 (IEC)	ONAN	9990	24975	0.4	4.5	≤42 dB(A)	A (105°C)	IEC 60076	1580 kg	1400×1210×1420 mm	370 kg
S-500/33/400	500	33 kV	0.4 kV	Dyn11 (IEC)	ONAN	9990	24975	0.4	4.5	≤42 dB(A)	A (105°C)	IEC 60076	1580 kg	1400×1210×1420 mm	370 kg
S-500/480/277	500	0.48 kV	0.277 kV	Delta-Wye (IEEE Std)	ONAN	8090	20225	0.4	6	≤42 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	1580 kg	1400×1210×1420 mm	370 kg
S-500/600/208	500	0.6 kV	0.208 kV	Delta-Wye (IEEE Std)	ONAN	8090	20225	0.4	6	≤42 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	1580 kg	1400×1210×1420 mm	370 kg
S-500/600/347	500	0.6 kV	0.347 kV	Delta-Wye (IEEE Std)	ONAN	8090	20225	0.4	6	≤42 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	1580 kg	1400×1210×1420 mm	370 kg
S-500/2/480	500	2.4 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	8090	20225	0.4	6	≤42 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	1580 kg	1400×1210×1420 mm	370 kg
S-500/4/480	500	4.16 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	8090	20225	0.4	6	≤42 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	1580 kg	1400×1210×1420 mm	370 kg
S-500/13/480	500	13.8 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	8090	20225	0.4	6	≤42 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	1580 kg	1400×1210×1420 mm	370 kg

Model	Rated Capacity	HV Voltage	LV Voltage	Connection	Cooling	No-load Loss (W)	Load Loss (W)	No-load Current (%)	Impedance (%)	Noise (dB)	Insulation Class	Standard	Weight (kg) †	Dimensions (L×W×H) †	Oil Weight (kg) †
S-500/6/400	500	6.6 kV	0.4 kV	Delta-Wye (IEEE Std)	ONAN	8090	20225	0.4	6	≤42 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	1580 kg	1400×1210×1420 mm	370 kg
S-500/13/400	500	13.2 kV	0.4 kV	Delta-Wye (IEEE Std)	ONAN	8090	20225	0.4	6	≤42 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	1580 kg	1400×1210×1420 mm	370 kg
S-500/22/380	500	22.9 kV	0.38 kV	Delta-Wye (IEEE Std)	ONAN	8090	20225	0.4	6	≤42 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	1580 kg	1400×1210×1420 mm	370 kg
S-500/34/480	500	34.5 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	8090	20225	0.4	6	≤42 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	1580 kg	1400×1210×1420 mm	370 kg
S-630/480/240	630	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	ONAN	11880	29700	0.4	4.5	≤43 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	2000 kg	1440×1250×1490 mm	470 kg
S-630/690/400	630	0.69 kV	0.4 kV	Dyn11 (IEC)	ONAN	11880	29700	0.4	4.5	≤43 dB(A)	A (105°C)	IEC 60076	2000 kg	1440×1250×1490 mm	470 kg
S-630/6/480	630	6 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	11880	29700	0.4	4.5	≤43 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	2000 kg	1440×1250×1490 mm	470 kg
S-630/11/400	630	11 kV	0.4 kV	Dyn11 (IEC)	ONAN	11880	29700	0.4	4.5	≤43 dB(A)	A (105°C)	IEC 60076	2000 kg	1440×1250×1490 mm	470 kg
S-630/20/400	630	20 kV	0.4 kV	Dyn11 (IEC)	ONAN	11880	29700	0.4	4.5	≤43 dB(A)	A (105°C)	IEC 60076	2000 kg	1440×1250×1490 mm	470 kg
S-630/33/400	630	33 kV	0.4 kV	Dyn11 (IEC)	ONAN	11880	29700	0.4	4.5	≤43 dB(A)	A (105°C)	IEC 60076	2000 kg	1440×1250×1490 mm	470 kg
S-750/480/277	750	0.48 kV	0.277 kV	Delta-Wye (IEEE Std)	ONAN	10960	27400	0.3	6	≤43 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	2175 kg	1510×1315×1510 mm	510 kg
S-750/600/208	750	0.6 kV	0.208 kV	Delta-Wye (IEEE Std)	ONAN	10960	27400	0.3	6	≤43 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	2175 kg	1510×1315×1510 mm	510 kg

Model	Rated Capacity	HV Voltage	LV Voltage	Connection	Cooling	No-load Loss (W)	Load Loss (W)	No-load Current (%)	Impedance (%)	Noise (dB)	Insulation Class	Standard	Weight (kg) †	Dimensions (L×W×H) †	Oil Weight (kg) †
S-750/600/347	750	0.6 kV	0.347 kV	Delta-Wye (IEEE Std)	ONAN	10960	27400	0.3	6	≤43 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	2175 kg	1510×1315×1510 mm	510 kg
S-750/2/480	750	2.4 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	10960	27400	0.3	6	≤43 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	2175 kg	1510×1315×1510 mm	510 kg
S-750/4/480	750	4.16 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	10960	27400	0.3	6	≤43 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	2175 kg	1510×1315×1510 mm	510 kg
S-750/13/480	750	13.8 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	10960	27400	0.3	6	≤43 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	2175 kg	1510×1315×1510 mm	510 kg
S-750/6/400	750	6.6 kV	0.4 kV	Delta-Wye (IEEE Std)	ONAN	10960	27400	0.3	6	≤43 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	2175 kg	1510×1315×1510 mm	510 kg
S-750/13/400	750	13.2 kV	0.4 kV	Delta-Wye (IEEE Std)	ONAN	10960	27400	0.3	6	≤43 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	2175 kg	1510×1315×1510 mm	510 kg
S-750/22/380	750	22.9 kV	0.38 kV	Delta-Wye (IEEE Std)	ONAN	10960	27400	0.3	6	≤43 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	2175 kg	1510×1315×1510 mm	510 kg
S-750/34/480	750	34.5 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	10960	27400	0.3	6	≤43 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	2175 kg	1510×1315×1510 mm	510 kg
S-800/480/240	800	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	ONAN	14220	35550	0.3	6	≤44 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	2250 kg	1540×1340×1520 mm	530 kg
S-800/690/400	800	0.69 kV	0.4 kV	Dyn11 (IEC)	ONAN	14220	35550	0.3	6	≤44 dB(A)	A (105°C)	IEC 60076	2250 kg	1540×1340×1520 mm	530 kg
S-800/6/480	800	6 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	14220	35550	0.3	6	≤44 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	2250 kg	1540×1340×1520 mm	530 kg

Model	Rated Capacity	HV Voltage	LV Voltage	Connection	Cooling	No-load Loss (W)	Load Loss (W)	No-load Current (%)	Impedance (%)	Noise (dB)	Insulation Class	Standard	Weight (kg) †	Dimensions (L×W×H) †	Oil Weight (kg) †
S-800/11/400	800	11 kV	0.4 kV	Dyn11 (IEC)	ONAN	14220	35550	0.3	6	≤44 dB(A)	A (105°C)	IEC 60076	2250 kg	1540×1340×1520 mm	530 kg
S-800/20/400	800	20 kV	0.4 kV	Dyn11 (IEC)	ONAN	14220	35550	0.3	6	≤44 dB(A)	A (105°C)	IEC 60076	2250 kg	1540×1340×1520 mm	530 kg
S-800/33/400	800	33 kV	0.4 kV	Dyn11 (IEC)	ONAN	14220	35550	0.3	6	≤44 dB(A)	A (105°C)	IEC 60076	2250 kg	1540×1340×1520 mm	530 kg
S-1000/480/240	1000	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	ONAN	16800	42000	0.3	6	≤44 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	3000 kg	1715×1485×1725 mm	655 kg
S-1000/690/400	1000	0.69 kV	0.4 kV	Dyn11 (IEC)	ONAN	16800	42000	0.3	6	≤44 dB(A)	A (105°C)	IEC 60076	3000 kg	1715×1485×1725 mm	655 kg
S-1000/6/480	1000	6 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	16800	42000	0.3	6	≤44 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	3000 kg	1715×1485×1725 mm	655 kg
S-1000/11/400	1000	11 kV	0.4 kV	Dyn11 (IEC)	ONAN	16800	42000	0.3	6	≤44 dB(A)	A (105°C)	IEC 60076	3000 kg	1715×1485×1725 mm	655 kg
S-1000/20/400	1000	20 kV	0.4 kV	Dyn11 (IEC)	ONAN	16800	42000	0.3	6	≤44 dB(A)	A (105°C)	IEC 60076	3000 kg	1715×1485×1725 mm	655 kg
S-1000/33/400	1000	33 kV	0.4 kV	Dyn11 (IEC)	ONAN	16800	42000	0.3	6	≤44 dB(A)	A (105°C)	IEC 60076	3000 kg	1715×1485×1725 mm	655 kg
S-1000/480/277	1000	0.48 kV	0.277 kV	Delta-Wye (IEEE Std)	ONAN	13600	34000	0.3	6	≤44 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	3000 kg	1715×1485×1725 mm	655 kg
S-1000/600/208	1000	0.6 kV	0.208 kV	Delta-Wye (IEEE Std)	ONAN	13600	34000	0.3	6	≤44 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	3000 kg	1715×1485×1725 mm	655 kg
S-1000/600/347	1000	0.6 kV	0.347 kV	Delta-Wye (IEEE Std)	ONAN	13600	34000	0.3	6	≤44 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	3000 kg	1715×1485×1725 mm	655 kg
S-1000/2/480	1000	2.4 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	13600	34000	0.3	6	≤44 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	3000 kg	1715×1485×1725 mm	655 kg
S-1000/4/480	1000	4.16 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	13600	34000	0.3	6	≤44 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	3000 kg	1715×1485×1725 mm	655 kg

Model	Rated Capacity	HV Voltage	LV Voltage	Connection	Cooling	No-load Loss (W)	Load Loss (W)	No-load Current (%)	Impedance (%)	Noise (dB)	Insulation Class	Standard	Weight (kg) †	Dimensions (L×W×H) †	Oil Weight (kg) †
S-1000/13/480	1000	13.8 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	13600	34000	0.3	6	≤44 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	3000 kg	1715×1485×1725 mm	655 kg
S-1000/6/400	1000	6.6 kV	0.4 kV	Delta-Wye (IEEE Std)	ONAN	13600	34000	0.3	6	≤44 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	3000 kg	1715×1485×1725 mm	655 kg
S-1000/13/400	1000	13.2 kV	0.4 kV	Delta-Wye (IEEE Std)	ONAN	13600	34000	0.3	6	≤44 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	3000 kg	1715×1485×1725 mm	655 kg
S-1000/22/380	1000	22.9 kV	0.38 kV	Delta-Wye (IEEE Std)	ONAN	13600	34000	0.3	6	≤44 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	3000 kg	1715×1485×1725 mm	655 kg
S-1000/34/480	1000	34.5 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	13600	34000	0.3	6	≤44 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	3000 kg	1715×1485×1725 mm	655 kg
S-1250/480/240	1250	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	ONAN	19870	49675	0.3	6	≤45 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	3450 kg	1710×1480×1830 mm	700 kg
S-1250/690/400	1250	0.69 kV	0.4 kV	Dyn11 (IEC)	ONAN	19870	49675	0.3	6	≤45 dB(A)	A (105°C)	IEC 60076	3450 kg	1710×1480×1830 mm	700 kg
S-1250/6/480	1250	6 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	19870	49675	0.3	6	≤45 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	3450 kg	1710×1480×1830 mm	700 kg
S-1250/11/400	1250	11 kV	0.4 kV	Dyn11 (IEC)	ONAN	19870	49675	0.3	6	≤45 dB(A)	A (105°C)	IEC 60076	3450 kg	1710×1480×1830 mm	700 kg
S-1250/20/400	1250	20 kV	0.4 kV	Dyn11 (IEC)	ONAN	19870	49675	0.3	6	≤45 dB(A)	A (105°C)	IEC 60076	3450 kg	1710×1480×1830 mm	700 kg
S-1250/33/400	1250	33 kV	0.4 kV	Dyn11 (IEC)	ONAN	19870	49675	0.3	6	≤45 dB(A)	A (105°C)	IEC 60076	3450 kg	1710×1480×1830 mm	700 kg
S-1500/480/277	1500	0.48 kV	0.277 kV	Delta-Wye (IEEE Std)	ONAN	18440	46100	0.3	6	≤46 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	4165 kg	1830×1585×1905 mm	945 kg

Model	Rated Capacity	HV Voltage	LV Voltage	Connection	Cooling	No-load Loss (W)	Load Loss (W)	No-load Current (%)	Impedance (%)	Noise (dB)	Insulation Class	Standard	Weight (kg) †	Dimensions (L×W×H) †	Oil Weight (kg) †
S-1500/600/208	1500	0.6 kV	0.208 kV	Delta-Wye (IEEE Std)	ONAN	18440	46100	0.3	6	≤46 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	4165 kg	1830×1585×1905 mm	945 kg
S-1500/600/347	1500	0.6 kV	0.347 kV	Delta-Wye (IEEE Std)	ONAN	18440	46100	0.3	6	≤46 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	4165 kg	1830×1585×1905 mm	945 kg
S-1500/2/480	1500	2.4 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	18440	46100	0.3	6	≤46 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	4165 kg	1830×1585×1905 mm	945 kg
S-1500/4/480	1500	4.16 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	18440	46100	0.3	6	≤46 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	4165 kg	1830×1585×1905 mm	945 kg
S-1500/13/480	1500	13.8 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	18440	46100	0.3	6	≤46 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	4165 kg	1830×1585×1905 mm	945 kg
S-1500/6/400	1500	6.6 kV	0.4 kV	Delta-Wye (IEEE Std)	ONAN	18440	46100	0.3	6	≤46 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	4165 kg	1830×1585×1905 mm	945 kg
S-1500/13/400	1500	13.2 kV	0.4 kV	Delta-Wye (IEEE Std)	ONAN	18440	46100	0.3	6	≤46 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	4165 kg	1830×1585×1905 mm	945 kg
S-1500/22/380	1500	22.9 kV	0.38 kV	Delta-Wye (IEEE Std)	ONAN	18440	46100	0.3	6	≤46 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	4165 kg	1830×1585×1905 mm	945 kg
S-1500/34/480	1500	34.5 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	18440	46100	0.3	6	≤46 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	4165 kg	1830×1585×1905 mm	945 kg
S-1600/480/240	1600	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	ONAN	23910	59775	0.3	6	≤46 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	4450 kg	1880×1630×1940 mm	1045 kg
S-1600/690/400	1600	0.69 kV	0.4 kV	Dyn11 (IEC)	ONAN	23910	59775	0.3	6	≤46 dB(A)	A (105°C)	IEC 60076	4450 kg	1880×1630×1940 mm	1045 kg

Model	Rated Capacity	HV Voltage	LV Voltage	Connection	Cooling	No-load Loss (W)	Load Loss (W)	No-load Current (%)	Impedance (%)	Noise (dB)	Insulation Class	Standard	Weight (kg) †	Dimensions (L×W×H) †	Oil Weight (kg) †
S-1600/6/480	1600	6 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	23910	59775	0.3	6	≤46 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	4450 kg	1880×1630×1940 mm	1045 kg
S-1600/11/400	1600	11 kV	0.4 kV	Dyn11 (IEC)	ONAN	23910	59775	0.3	6	≤46 dB(A)	A (105°C)	IEC 60076	4450 kg	1880×1630×1940 mm	1045 kg
S-1600/20/400	1600	20 kV	0.4 kV	Dyn11 (IEC)	ONAN	23910	59775	0.3	6	≤46 dB(A)	A (105°C)	IEC 60076	4450 kg	1880×1630×1940 mm	1045 kg
S-1600/33/400	1600	33 kV	0.4 kV	Dyn11 (IEC)	ONAN	23910	59775	0.3	6	≤46 dB(A)	A (105°C)	IEC 60076	4450 kg	1880×1630×1940 mm	1045 kg
S-2000/480/240	2000	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	ONAN	28260	70650	0.3	6	≤47 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	5000 kg	2000×1700×2000 mm	1150 kg
S-2000/690/400	2000	0.69 kV	0.4 kV	Dyn11 (IEC)	ONAN	28260	70650	0.3	6	≤47 dB(A)	A (105°C)	IEC 60076	5000 kg	2000×1700×2000 mm	1150 kg
S-2000/6/480	2000	6 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	28260	70650	0.3	6	≤47 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	5000 kg	2000×1700×2000 mm	1150 kg
S-2000/11/400	2000	11 kV	0.4 kV	Dyn11 (IEC)	ONAN	28260	70650	0.3	6	≤47 dB(A)	A (105°C)	IEC 60076	5000 kg	2000×1700×2000 mm	1150 kg
S-2000/20/400	2000	20 kV	0.4 kV	Dyn11 (IEC)	ONAN	28260	70650	0.3	6	≤47 dB(A)	A (105°C)	IEC 60076	5000 kg	2000×1700×2000 mm	1150 kg
S-2000/33/400	2000	33 kV	0.4 kV	Dyn11 (IEC)	ONAN	28260	70650	0.3	6	≤47 dB(A)	A (105°C)	IEC 60076	5000 kg	2000×1700×2000 mm	1150 kg
S-2000/480/277	2000	0.48 kV	0.277 kV	Delta-Wye (IEEE Std)	ONAN	22880	57200	0.3	6	≤47 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	5000 kg	2000×1700×2000 mm	1150 kg
S-2000/600/208	2000	0.6 kV	0.208 kV	Delta-Wye (IEEE Std)	ONAN	22880	57200	0.3	6	≤47 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	5000 kg	2000×1700×2000 mm	1150 kg
S-2000/600/347	2000	0.6 kV	0.347 kV	Delta-Wye (IEEE Std)	ONAN	22880	57200	0.3	6	≤47 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	5000 kg	2000×1700×2000 mm	1150 kg
S-2000/2/480	2000	2.4 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	22880	57200	0.3	6	≤47 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	5000 kg	2000×1700×2000 mm	1150 kg

Model	Rated Capacity	HV Voltage	LV Voltage	Connection	Cooling	No-load Loss (W)	Load Loss (W)	No-load Current (%)	Impedance (%)	Noise (dB)	Insulation Class	Standard	Weight (kg) †	Dimensions (L×W×H) †	Oil Weight (kg) †
S-2000/4/480	2000	4.16 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	22880	57200	0.3	6	≤47 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	5000 kg	2000×1700×2000 mm	1150 kg
S-2000/13/480	2000	13.8 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	22880	57200	0.3	6	≤47 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	5000 kg	2000×1700×2000 mm	1150 kg
S-2000/6/400	2000	6.6 kV	0.4 kV	Delta-Wye (IEEE Std)	ONAN	22880	57200	0.3	6	≤47 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	5000 kg	2000×1700×2000 mm	1150 kg
S-2000/13/400	2000	13.2 kV	0.4 kV	Delta-Wye (IEEE Std)	ONAN	22880	57200	0.3	6	≤47 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	5000 kg	2000×1700×2000 mm	1150 kg
S-2000/22/380	2000	22.9 kV	0.38 kV	Delta-Wye (IEEE Std)	ONAN	22880	57200	0.3	6	≤47 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	5000 kg	2000×1700×2000 mm	1150 kg
S-2000/34/480	2000	34.5 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	22880	57200	0.3	6	≤47 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	5000 kg	2000×1700×2000 mm	1150 kg
S-2500/480/240	2500	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	ONAN	33410	83525	0.3	6	≤47 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	5800 kg	2180×1320×1970 mm	1300 kg
S-2500/690/400	2500	0.69 kV	0.4 kV	Dyn11 (IEC)	ONAN	33410	83525	0.3	6	≤47 dB(A)	A (105°C)	IEC 60076	5800 kg	2180×1320×1970 mm	1300 kg
S-2500/6/480	2500	6 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	33410	83525	0.3	6	≤47 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	5800 kg	2180×1320×1970 mm	1300 kg
S-2500/11/400	2500	11 kV	0.4 kV	Dyn11 (IEC)	ONAN	33410	83525	0.3	6	≤47 dB(A)	A (105°C)	IEC 60076	5800 kg	2180×1320×1970 mm	1300 kg
S-2500/20/400	2500	20 kV	0.4 kV	Dyn11 (IEC)	ONAN	33410	83525	0.3	6	≤47 dB(A)	A (105°C)	IEC 60076	5800 kg	2180×1320×1970 mm	1300 kg
S-2500/33/400	2500	33 kV	0.4 kV	Dyn11 (IEC)	ONAN	33410	83525	0.3	6	≤47 dB(A)	A (105°C)	IEC 60076	5800 kg	2180×1320×1970 mm	1300 kg

Model	Rated Capacity	HV Voltage	LV Voltage	Connection	Cooling	No-load Loss (W)	Load Loss (W)	No-load Current (%)	Impedance (%)	Noise (dB)	Insulation Class	Standard	Weight (kg) †	Dimensions (L×W×H) †	Oil Weight (kg) †
S-2500/480/277	2500	0.48 kV	0.277 kV	Delta-Wye (IEEE Std)	ONAN	27050	67625	0.3	6	≤47 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	5800 kg	2180×1320×1970 mm	1300 kg
S-2500/600/208	2500	0.6 kV	0.208 kV	Delta-Wye (IEEE Std)	ONAN	27050	67625	0.3	6	≤47 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	5800 kg	2180×1320×1970 mm	1300 kg
S-2500/600/347	2500	0.6 kV	0.347 kV	Delta-Wye (IEEE Std)	ONAN	27050	67625	0.3	6	≤47 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	5800 kg	2180×1320×1970 mm	1300 kg
S-2500/2/480	2500	2.4 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	27050	67625	0.3	6	≤47 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	5800 kg	2180×1320×1970 mm	1300 kg
S-2500/4/480	2500	4.16 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	27050	67625	0.3	6	≤47 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	5800 kg	2180×1320×1970 mm	1300 kg
S-2500/13/480	2500	13.8 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	27050	67625	0.3	6	≤47 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	5800 kg	2180×1320×1970 mm	1300 kg
S-2500/6/400	2500	6.6 kV	0.4 kV	Delta-Wye (IEEE Std)	ONAN	27050	67625	0.3	6	≤47 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	5800 kg	2180×1320×1970 mm	1300 kg
S-2500/13/400	2500	13.2 kV	0.4 kV	Delta-Wye (IEEE Std)	ONAN	27050	67625	0.3	6	≤47 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	5800 kg	2180×1320×1970 mm	1300 kg
S-2500/22/380	2500	22.9 kV	0.38 kV	Delta-Wye (IEEE Std)	ONAN	27050	67625	0.3	6	≤47 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	5800 kg	2180×1320×1970 mm	1300 kg
S-2500/34/480	2500	34.5 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	27050	67625	0.3	6	≤47 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	5800 kg	2180×1320×1970 mm	1300 kg
S-3150/480/240	3150	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	ONAN	39730	99325	0.3	7	≤48 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	6900 kg	2300×1450×2100 mm	1500 kg

Model	Rated Capacity	HV Voltage	LV Voltage	Connection	Cooling	No-load Loss (W)	Load Loss (W)	No-load Current (%)	Impedance (%)	Noise (dB)	Insulation Class	Standard	Weight (kg) †	Dimensions (L×W×H) †	Oil Weight (kg) †
S-3150/690/400	3150	0.69 kV	0.4 kV	Dyn11 (IEC)	ONAN	39730	99325	0.3	7	≤48 dB(A)	A (105°C)	IEC 60076	6900 kg	2300×1450×2100 mm	1500 kg
S-3150/6/480	3150	6 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	39730	99325	0.3	7	≤48 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	6900 kg	2300×1450×2100 mm	1500 kg
S-3150/11/400	3150	11 kV	0.4 kV	Dyn11 (IEC)	ONAN	39730	99325	0.3	7	≤48 dB(A)	A (105°C)	IEC 60076	6900 kg	2300×1450×2100 mm	1500 kg
S-3150/20/400	3150	20 kV	0.4 kV	Dyn11 (IEC)	ONAN	39730	99325	0.3	7	≤48 dB(A)	A (105°C)	IEC 60076	6900 kg	2300×1450×2100 mm	1500 kg
S-3150/33/400	3150	33 kV	0.4 kV	Dyn11 (IEC)	ONAN	39730	99325	0.3	7	≤48 dB(A)	A (105°C)	IEC 60076	6900 kg	2300×1450×2100 mm	1500 kg
S-4000/480/240	4000	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	ONAN	47530	118825	0.2	7	≤49 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	8300 kg	2500×1550×2250 mm	1800 kg
S-4000/690/400	4000	0.69 kV	0.4 kV	Dyn11 (IEC)	ONAN	47530	118825	0.2	7	≤49 dB(A)	A (105°C)	IEC 60076	8300 kg	2500×1550×2250 mm	1800 kg
S-4000/6/480	4000	6 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	47530	118825	0.2	7	≤49 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	8300 kg	2500×1550×2250 mm	1800 kg
S-4000/11/400	4000	11 kV	0.4 kV	Dyn11 (IEC)	ONAN	47530	118825	0.2	7	≤49 dB(A)	A (105°C)	IEC 60076	8300 kg	2500×1550×2250 mm	1800 kg
S-4000/20/400	4000	20 kV	0.4 kV	Dyn11 (IEC)	ONAN	47530	118825	0.2	7	≤49 dB(A)	A (105°C)	IEC 60076	8300 kg	2500×1550×2250 mm	1800 kg
S-4000/33/400	4000	33 kV	0.4 kV	Dyn11 (IEC)	ONAN	47530	118825	0.2	7	≤49 dB(A)	A (105°C)	IEC 60076	8300 kg	2500×1550×2250 mm	1800 kg
S-5000/480/240	5000	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	ONAN	56190	140475	0.2	7	≤50 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	10000 kg	2700×1650×2400 mm	2100 kg
S-5000/690/400	5000	0.69 kV	0.4 kV	Dyn11 (IEC)	ONAN	56190	140475	0.2	7	≤50 dB(A)	A (105°C)	IEC 60076	10000 kg	2700×1650×2400 mm	2100 kg
S-5000/6/480	5000	6 kV	0.48 kV	Delta-Wye (IEEE Std)	ONAN	56190	140475	0.2	7	≤50 dB(A)	A (105°C)	IEEE C57 / ANSI C84.1	10000 kg	2700×1650×2400 mm	2100 kg
S-5000/11/400	5000	11 kV	0.4 kV	Dyn11 (IEC)	ONAN	56190	140475	0.2	7	≤50 dB(A)	A (105°C)	IEC 60076	10000 kg	2700×1650×2400 mm	2100 kg

Model	Rated Capacity	HV Voltage	LV Voltage	Connection	Cooling	No-load Loss (W)	Load Loss (W)	No-load Current (%)	Impedance (%)	Noise (dB)	Insulation Class	Standard	Weight (kg) †	Dimensions (L×W×H) †	Oil Weight (kg) †
S-5000/20/400	5000	20 kV	0.4 kV	Dyn11 (IEC)	ONAN	56190	140475	0.2	7	≤50 dB(A)	A (105°C)	IEC 60076	10000 kg	2700×1650×2400 mm	2100 kg
S-5000/33/400	5000	33 kV	0.4 kV	Dyn11 (IEC)	ONAN	56190	140475	0.2	7	≤50 dB(A)	A (105°C)	IEC 60076	10000 kg	2700×1650×2400 mm	2100 kg

† Typical values, subject to confirmation. Final dimensions and weights are per factory GA drawings and routine test reports.

Standards & Certification

ISO 9001 Certified — Quality Management System
CE marking — available on selected models
Design and testing per IEC 60076, IEC 60076-11 (dry-type), IEC 61330 (substations), GB 1094 and related international standards.

Note: Certification details and test reports are provided upon request for the specific model and destination market.

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