

QDTB® TRANSFORMER

SBH15-M

Single Phase Transformers

PRODUCT DATASHEET

Shandong Yaqing Electric Power Technology Co., Ltd.
qdtb-transformer.com · Alice@qdtb-transformer.com

SBH15-M — Series Overview

The SBH15-M series single-phase amorphous alloy transformers deliver ultra-low no-load losses for single-phase distribution, rated 5-125 kVA with 6/10 kV primary.

Key Features

- Single-phase amorphous alloy core
- Ultra-low no-load loss
- 6/10 kV primary, 0.22/0.24 kV secondary
- Rated 5-125 kVA

Typical Applications

- Single-phase distribution
- Rural electrification
- Energy-saving upgrades

Model Specifications

20 model(s) in the SBH15-M 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 (%)	Insulation Class	Standard	Weight (kg) †	Dimensions (L×W×H) †
SBH15-M-5/6	5 kVA	6 kV	0.22 kV	li0	ONAN	18	45	2	4	A(105°C)	GB1094, JB/T10318	90 kg	500×400×700 mm
SBH15-M-5/10	5 kVA	10 kV	0.22 kV	li0	ONAN	18	45	2	4	A(105°C)	GB1094, JB/T10318	90 kg	500×400×700 mm
SBH15-M-10/6	10 kVA	6 kV	0.22 kV	li0	ONAN	25	62	1.8	4	A(105°C)	GB1094, JB/T10318	150 kg	550×450×800 mm
SBH15-M-10/10	10 kVA	10 kV	0.22 kV	li0	ONAN	25	62	1.8	4	A(105°C)	GB1094, JB/T10318	150 kg	550×450×800 mm
SBH15-M-15/6	15 kVA	6 kV	0.22 kV	li0	ONAN	32	80	1.6	4	A(105°C)	GB1094, JB/T10318	200 kg	600×500×900 mm
SBH15-M-15/10	15 kVA	10 kV	0.22 kV	li0	ONAN	32	80	1.6	4	A(105°C)	GB1094, JB/T10318	200 kg	600×500×900 mm
SBH15-M-20/6	20 kVA	6 kV	0.22 kV	li0	ONAN	40	100	1.5	4	A(105°C)	GB1094, JB/T10318	245 kg	650×525×950 mm
SBH15-M-20/10	20 kVA	10 kV	0.22 kV	li0	ONAN	40	100	1.5	4	A(105°C)	GB1094, JB/T10318	245 kg	650×525×950 mm
SBH15-M-25/6	25 kVA	6 kV	0.22 kV	li0	ONAN	45	112	1.4	4	A(105°C)	GB1094, JB/T10318	290 kg	700×550×1000 mm
SBH15-M-25/10	25 kVA	10 kV	0.22 kV	li0	ONAN	45	112	1.4	4	A(105°C)	GB1094, JB/T10318	290 kg	700×550×1000 mm
SBH15-M-30/6-1p	30 kVA	6 kV	0.22 kV	li0	ONAN	50	125	1.3	4	A(105°C)	GB1094, JB/T10318	325 kg	730×570×1030 mm
SBH15-M-30/10-1p	30 kVA	10 kV	0.22 kV	li0	ONAN	50	125	1.3	4	A(105°C)	GB1094, JB/T10318	325 kg	730×570×1030 mm
SBH15-M-50/6-1p	50 kVA	6 kV	0.24 kV	li0	ONAN	65	162	1.2	4	A(105°C)	GB1094, JB/T10318	470 kg	850×650×1150 mm
SBH15-M-50/10-1p	50 kVA	10 kV	0.24 kV	li0	ONAN	65	162	1.2	4	A(105°C)	GB1094, JB/T10318	470 kg	850×650×1150 mm
SBH15-M-75/6	75 kVA	6 kV	0.24 kV	li0	ONAN	80	200	1.1	4	A(105°C)	GB1094, JB/T10318	635 kg	950×700×1225 mm
SBH15-M-75/10	75 kVA	10 kV	0.24 kV	li0	ONAN	80	200	1.1	4	A(105°C)	GB1094, JB/T10318	635 kg	950×700×1225 mm
SBH15-M-100/6-1p	100 kVA	6 kV	0.24 kV	li0	ONAN	95	238	1	4	A(105°C)	GB1094, JB/T10318	800 kg	1050×750×1300 mm
SBH15-M-100/10-1p	100 kVA	10 kV	0.24 kV	li0	ONAN	95	238	1	4	A(105°C)	GB1094, JB/T10318	800 kg	1050×750×1300 mm
SBH15-M-125/6-1p	125 kVA	6 kV	0.24 kV	li0	ONAN	110	275	0.9	4	A(105°C)	GB1094, JB/T10318	930 kg	1085×785×1335 mm
SBH15-M-125/10-1p	125 kVA	10 kV	0.24 kV	li0	ONAN	110	275	0.9	4	A(105°C)	GB1094, JB/T10318	930 kg	1085×785×1335 mm

† 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.

Inquiry & Contact

Website	https://qdtb-transformer.com
Email	Alice@qdtb-transformer.com
WhatsApp	+86 13698683193
Phone	+86 13698683193
Address	No. 50, Jifa Longshan Road, Environmental Protection Industrial Park, Jimo District, Qingdao, Shandong, China

QDTB® guarantees a response within 24 hours on business days. Send your model, capacity, voltage and quantity for a detailed quotation.