

Induction Heating Steam Generator

2-15kW Heating Steam Generator Specifications

Item	Unit	BYD-Z002	BYD-Z003	BYD-Z005	BYD-Z006	BYD-Z008	BYD-Z010	BYD-Z012	BYD-Z015
		DLW1-F	DLW1-F	DLW1-F	DLW1-F	DLW1-F	SLW1-F	SLW1-F	SLW1-F
Rated power	KW	2	3.5	5	6	8	10	12	15
Rated current	A	9	15.75	22.5	27	36	15	18	22
Voltage/Frequency	V/Hz	220/50-60	220/50-60	220/50-60	220/50-60	220/50-60	380/50-60	380/50-60	380/50-60
Cross section area of power cable	mm ²	≥2	≥4	≥6	≥6	≥10	≥4	≥6	≥6
Protection grade	IP	33	33	33	33	33	33	33	33
Heating efficiency	%	≥98.8	≥98.8	≥98.8	≥98.8	≥98.8	≥98.8	≥98.8	≥98.8
Steam output	Kg/h	3	5	7	8.5	11	14	17	21
Steam pressure	Mpa	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Steam temperature	℃	171	171	171	171	171	171	171	171
Water volume	L	2	2	2	6	6	6	6	6
Steam outlet size	DN	10	10	10	10	10	10	10	10
Water inlet size	DN	15	15	15	15	15	15	15	15
Drain outlet size	DN	10	10	10	10	10	10	10	10
Dimensions	mm	280*580*420	280*580*420	280*580*420	380*650*670	380*650*670	380*650*670	380*650*670	380*650*670

20-80KW Heating Steam Generator Specifications

Item	Unit	<u>BYD-Z020SLW1-F</u>	<u>BYD-Z030SLW1-F</u>	<u>BYD-Z040SLC1-S</u>	<u>BYD-Z050SLC1-S</u>	<u>BYD-Z060SLC1-S</u>	<u>BYD-Z080SLC1-S</u>
Rated power	KW	20	30	40	50	60	80
Rated current	A	30	45	60	75	90	120
Voltage/Frequency	V/Hz	380/50-60	380/50-60	380/50-60	380/50-60	380/50-60	380/50-60
Cross section area of power cable	mm ²	≥10	≥10	≥16	≥25	≥25	≥35
Protection grade	IP	33	33	33	33	33	33
Heating efficiency	%	≥98.8	≥98.8	≥98.8	≥98.8	≥98.8	≥98.8
Steam output	Kg/h	27.5	41.5	56	70	84	112
Steam pressure	Mpa	0.7	0.7	0.7	0.7	0.7	0.7
Steam temperature	℃	171	171	171	171	171	171
Water volume	L	20	20	25	25	25	25
Steam outlet size	DN	15	15	15	15	15	15
Water inlet size	DN	15	15	15	15	15	15
Drain outlet size	DN	15	15	25	25	25	25
Dimensions	mm	400*800*800	400*800*800	600*1100*1250	600*1100*1250	600*1100*1250	600*1100*1250

120-360KW Heating Steam Generator Specifications

Item	Unit	BYD-Z120SLC1-S	BYD-Z160SLC1-S	BYD-Z240SLC1-S	BYD-Z320SLC1-S	BYD-Z360SLC1-S
Rated power	KW	120	160	240	320	360
Rated current	A	180	240	360	480	540
Voltage/Frequency	V/Hz	380/50-60	380/50-60	380/50-60	380/50-60	380/50-60
Cross section area of power cable	mm ²	≥75	≥120	≥150	≥240	≥300
Protection grade	IP	33	33	33	33	33
Heating efficiency	%	≥98.8	≥98.8	≥98.8	≥98.8	≥98.8
Steam output	Kg/h	167	222	333	445	500
Steam pressure	Mpa	0.7	0.7	0.7	0.7	0.7
Steam temperature	℃	171	171	171	171	171
Water volume	L	29	29	29	29	29
Steam outlet size	DN	50	50	50	50	50
Water inlet size	DN	25	25	25	25	25
Drain outlet size	DN	25	25	25	25	25
Dimensions	mm	1100*1200*1500	1100*1200*1500	1550*1200*1500	2000*1200*1500	2000*1200*1500

15-30KW Heating Steam Generator Specifications

Item	Unit	<u>BYD-G15SLW1-F</u>	<u>BYD-G20SLW1-F</u>	<u>BYD-G25SLW1-F</u>	<u>BYD-G30SLW1-S</u>
Rated power	KW	15	20	25	30
Rated current	A	22.5	30	37.5	45
Voltage/Frequency	V/Hz	380/50-60	380/50-60	380/50-60	380/50-60
Cross section area of power cable	mm ²	≥6	≥10	≥10	≥16
Protection grade	IP	33	33	33	33
Heating efficiency	%	≥98.8	≥98.8	≥98.8	≥98.8
Max. Steam temperature	℃	500	500	500	500
Heating output	MJ/h	54	72	90	108
Steam inlet size	DN	15	15	15	15
Steam outlet size	DN	15	15	15	15
Dimensions	mm	450*850*900	450*850*900	450*850*900	450*850*900