

400-2000kW Induction Central Heating Boiler

Parameter

Model	Unit	<u>BYD-C480SLC1</u>	<u>BYD-C640SLC1</u>	<u>BYD-C800SLC1</u>	<u>BYD-C1000SLC1</u>	<u>BYD-C1200SLC1</u>
Rated power	KW	480	640	800	1000	1200
Rated current	A	720	960	1200	1500	1800
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	m ²	≥300	≥400	≥500	≥500	≥600
Heating efficiency	%	≥98	≥98	≥98	≥98	≥98
Max. pressure of heating	Mpa	≤0.2	≤0.2	≤0.2	≤0.2	≤0.2
Minimum flow rate of water pump	L/min	576	768	960	1200	1440
Expansion tank volume	L	480	640	800	1000	1200
Max. heating temperature	°C	90	90	90	90	90
Temperature of low temperature protection	°C	5	5	5	5	5
65°C hot water output	L/min	156	208	260	325	390
Dimensions	mm	2610*1100*1950	3480*1100*1950	4350*1100*1950	5220*1100*1950	6960*1100*1950
Inlet/outlet connection	DN	125	125	150	150	150
Heating area	m ²	3840-5760	5120-7680	6400-9600	8000-12000	9600-14400
Heating space	m ³	16560-22950	22080-30600	27600-38250	34500-47800	41400-57300

Electric meter	A	3-phase power meter 1.5-1.6A, metering transformer needs to be installed rationally by professional personnel				
Protection grade	IP	33	33	33	33	33
Heat dissipation of enclosure	%	≤2	≤2	≤2	≤2	≤2
Max. volume of heating	L	8800	11700	14700	18300	22000