

PRODUCT INTRODUCTION

Induction Heating & Melting Capacitors



Product Scope:

- Power Range : 200kvar to 8000kvar
- Voltage Range : 375V to 4400V AC

Application:

The capacitors are applicable for indoor use and intended to be used for power factor correction in induction heating, melting, stirring or casting furnaces; also for tune special furnace circuits.

Quality Assurance System:

ISO 9001:2008 ,CE



Product Description

Product Description

AT manufactures water cooled induction heating and melting capacitors with polypropylene film(dielectric), interleaved with high purity aluminum foil(electrode). These windings flattened and assembled into a pack for soldering and electrical connections. The entire assembly is subject to very high levels of vacuum, under which impregnation is done with a non- PCB electrical grade insulating oil. The capacitors are provided with high thermal conductivity copper tubes to facilitate the flow of cooling water. Effective heat dissipation is vital to achieve desired capacitor operating temperature and life expectancy.

AT is a global supplier of water cooled and air cooled capacitors to the induction heating and melting industry with an extensive range of capacitor designs up to 5000 volts, 100Khz and 4800 amps.

AT's manufacturing facility utilizes state of the full-automatic winding machines located in a clean room environment. This carefully controlled winding environment provides the highest reliability possible. That combined with our carefully controlled assembly process and build all process provides for one of the highest quality and longest life products available in the industry.

All capacitors are electrically tested and tested for build leaks. This 100% testing in combination with our analytical data evaluation system provides for continues process/product improvement. These processed provide for some of the lowest leak rates and electrical failure rates in the industry. AT's Quality Management System is certificated to ISO 9001-2008 Standard.



Product list

Ratings			Freq. Hz	Other Ratings									Case size		
Volts	kVAR			Totalmicro- farads	Split (1)	Split (2)	Split (3)	Split (4)	Split (5)	Split (6)	Split (7)	Split (8)	WidthIn.	LengthIn.	HeightIn.
	Total	Splits													
150	35.3	1	10000	25	25	0	0	0	0	0	0	0	5	6	6.62
220	230	6	9600	78.8	2.1	4.1	8.1	16.1	24.2	24.2	0	0	4.12	13.5	7
400	300	4	3000	99.5	6.6	13.3	26.5	53.1	0	0	0	0	4.12	13.5	7
400	450	6	3000	149.2	3.3	3.3	13.3	29.8	49.7	49.7	0	0	4.12	13.5	13
400	600	5	3000	198.9	26.5	13.3	53.1	53.1	53.1	0	0	0	4.12	13.5	12.5
400	900	8	3000	298.4	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	6.12	13.5	13
440	300	6	9600	25.7	0.6	1.3	2.7	5.2	7.9	7.9	0	0	4.12	13.5	7
440	450	6	9600	38.5	0.9	1.7	3.4	6.9	12.9	12.9	0	0	4.12	13.5	7
440	900	8	9600	77.1	6.4	6.4	6.4	6.4	12.8	12.8	12.8	12.8	4.12	13.5	9
460	75	2	60	940.2	470.1	470.1	0	0	0	0	0	0	3.88	13.5	10.75
460	100	2	60	1253.6	626.8	626.8	0	0	0	0	0	0	4.88	13.5	10.75
500	545	6	3000	115.7	9.8	9.8	24	24	24	24	0	0	4.12	13.5	13
500	800	6	3000	169.8	21.2	21.2	31.8	31.8	31.8	31.8	0	0	5.12	13.5	13
550	235	6	180	686.9	233.8	233.8	58.5	116.9	14.6	29.2	0	0	6.25	13.5	21
550	418	8	4000	55	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	4.12	13.5	7
550	420	6	540	409.2	68.2	68.2	68.2	68.2	68.2	68.2	0	0	6.25	13.5	11
600	0	8	10000	40	5	5	5	5	5	5	5	5	4.12	13.5	7
600	100	2	60	736.8	368.4	368.4	0	0	0	0	0	0	3.88	13.5	21.75
600	286	6	180	702.4	117.1	117.1	117.1	117.1	117.1	117.1	0	0	6.25	13.5	14
600	990	7	25000	17.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0	5.12	13.5	15.25
600	1100	8	1500	324.2	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	6.25	13.5	12
600	1110	7	25000	19.6	2.8	2.8	2.8	2.8	2.8	2.8	2.8	0	5.12	13.5	13
600	1131	8	500	1000	125	125	125	125	125	125	125	125	6.25	13.5	18.5
600	1150	8	10000	50.8	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	4.12	13.5	7
600	1152	8	3000	169.8	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	6.52	13.5	7
600	1280	8	300	1886	236	236	236	236	236	236	236	236	8	22	24.8

Ratings			Freq. Hz	Other Ratings									Case size		
Volts	kVAR			Totalmicro- farads	Split (1)	Split (2)	Split (3)	Split (4)	Split (5)	Split (6)	Split (7)	Split (8)	WidthIn.	LengthIn.	HeightIn.
	Total	Splits													
600	1350	8	300	1990	249	249	249	249	249	249	249	249	8	22	25.6
600	1388	1	300	2045.4	2045	0	0	0	0	0	0	0	7.5	22	31
600	1900	1	300	2800	2800	0	0	0	0	0	0	0	8	22	34.3
625	1060	8	3000	144	4.8	4.8	14.4	14.4	26.4	26.4	26.4	26.4	5	13.5	13.5
625	1154	8	5000	94	2	4	8	16	16	16	16	16	5.12	13.5	9
660	1280	8	300	1559	195	195	195	195	195	195	195	195	8	22	24.6
660	1500	1	300	1827	1827	0	0	0	0	0	0	0	8	22	28
700	1458	1	180	2630	2630	0	0	0	0	0	0	0	8	22	31
700	1518	1	200	2465	2465	0	0	0	0	0	0	0	8	22	28
700	1539	8	500	1000	125	125	125	125	125	125	125	125	6.25	13.5	19
700	1680	1	500	1091.3	1091	0	0	0	0	0	0	0	6.25	13.5	24.5
700	1680	8	4000	136.4	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	6.12	13.5	9
750	300	4	180	471.6	78.6	78.6	78.6	235.8	0	0	0	0	6.25	13.5	17
750	400	6	180	628.8	78.6	78.6	78.6	78.6	157.2	157.2	0	0	6.25	13.5	19
750	560	1	240	660.2	660.2	0	0	0	0	0	0	0	6.25	13.5	19.5
750	1180	6	50000	6.7	1.1	1.1	1.1	1.1	1.1	1.1	0	0	5.12	13.5	9
750	1375	8	3000	129.7	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	6.12	13.5	7
800	62.5	4	1000	200	10	20	60	110	0	0	0	0	4.12	13.5	15.25
800	300	5	9600	7.8	0.8	0.8	1.6	2.3	2.3	0	0	0	4.12	13.5	7
800	440	6	150	729.5	121.6	121.6	121.6	121.6	121.6	121.6	0	0	6.25	13.5	21.5
800	450	5	960	116.6	5.2	7.8	15.5	44	44	0	0	0	5.12	13.5	13
800	450	6	960	117	3	6	12	24	36	36	0	0	4.12	13.5	13
800	450	5	25000	4.5	0.4	0.4	0.9	1.3	1.3	0	0	0	4.12	13.5	7
800	700	6	200	870.4	145.1	145.1	145.1	145.1	145.1	145.1	0	0	6.25	13.5	25.5
800	805	6	4000	50.1	2.2	4.4	8.7	8.7	13.1	13.1	0	0	4.12	13.5	7.5
800	900	4	3000	74.6	18.7	18.7	18.7	18.7	0	0	0	0	4.12	13.5	13

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Ratings			Freq. Hz	Other Ratings									Case size		
Volts	kVAR			Totalmicro-farads	Split (1)	Split (2)	Split (3)	Split (4)	Split (5)	Split (6)	Split (7)	Split (8)	WidthIn.	LengthIn.	HeightIn.
	Total	Splits													
800	955	6	50000	4.7	0.3	0.5	1	1	1	1	0	0	6.12	15.5	15
800	1000	6	200	1243.4	207.2	207.2	207.2	207.2	207.2	207.2	0	0	6.25	13.5	28
800	1000	4	3000	82.9	20.7	20.7	20.7	20.7	0	0	0	0	4.12	13.5	13
800	1000	8	8000	31.1	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	4.12	13.5	7
800	1140	6	25000	11.3	0.6	1.2	2.4	2.4	2.4	2.4	0	0	5.12	13.5	9.5
800	1200	1	400	1131	1131	0	0	0	0	0	0	0	6.5	13.5	28
800	1200	8	3000	99.5	8.3	8.3	8.3	8.3	16.6	16.6	16.6	16.6	5.12	13.5	13
800	1412	8	10000	35.1	0.9	0.9	1.8	3.5	7	7	7	7	4.12	13.5	13
800	1050	6	25000	10	1.66	1.66	1.66	1.66	1.66	1.66	0	0	4.13	13.5	7
800	1500	8	10000	37.3	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.12	13.5	13
800	1750	1	250	1740	1740	0	0	0	0	0	0	0	8	22	28
800	1900	1	1000	472.5	472.5	0	0	0	0	0	0	0	6.25	13.5	17.5
800	1900	8	3000	158	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	6.25	13.5	13
800	1918	1	600	795	795	0	0	0	0	0	0	0	6.5	13.5	28
800	1920	8	10000	47.7	6	6	6	6	6	6	6	6	5.12	13.5	13
850	128	4	60	469.9	117.5	117.5	117.5	117.5	0	0	0	0	6.25	13.5	15
900	733	4	1000	144	36	36	36	36	0	0	0	0	5.12	13.5	13.5
900	900	4	3000	58.92	14.73	14.73	14.73	14.73	0	0	0	0	4.33	13.5	11
900	1000	1	900	218.3	218.3	0	0	0	0	0	0	0	6.25	13.5	9
900	1500	6	1000	295	49.1	49.1	49.1	49.1	49.1	49.1	0	0	6.25	13.5	18
900	2000	8	2000	196	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	6.25	13.5	14
900	2000	7	3000	131	18.7	18.7	18.7	18.7	18.7	18.7	18.7	0	5.5	13.5	15.7
900	2443	1	1000	480	480	0	0	0	0	0	0	0	6.25	13.5	14.5
940	800	4	2700	53.4	13.3	13.3	13.3	13.3	0	0	0	0	4.12	13.5	7
1000	250	6	50000	0.8	0.1	0.1	0.1	0.1	0.1	0.1	0	0	5.12	13.5	7
1000	600	6	540	176.8	59	59	29.5	14.7	7.4	7.4	0	0	6.25	13.5	11.5

Ratings			Freq. Hz	Other Ratings									Case size		
Volts	kVAR			Totalmicro-farads	Split (1)	Split (2)	Split (3)	Split (4)	Split (5)	Split (6)	Split (7)	Split (8)	WidthIn.	LengthIn.	HeightIn.
	Total	Splits													
1000	694	6	300	368.2	30.7	30.7	61.4	61.4	92	92	0	0	6.25	13.5	15
1000	780	6	700	177	29.5	29.5	29.5	29.5	29.5	29.5	0	0	5.5	13.5	13.8
1000	807	6	150	856.3	142.7	142.7	142.7	142.7	142.7	142.7	0	0	6.25	13.5	28
1000	792	6	700	180	30	30	30	30	30	30	0	0	5.3	13.5	14.2
1000	880	6	3000	46.7	1.5	3	6	12	12	12	0	0	4.12	13.5	7
1000	900	8	1200	119.4	9.9	9.9	9.9	9.9	19.9	19.9	19.9	19.9	4.62	13.5	13
1000	1000	6	300	530.5	88.4	88.4	88.4	88.4	88.4	88.4	0	0	6.25	13.5	24
1000	1169	8	1000	186	37.36	37.36	22.4	22.4	19.92	19.92	13.44	13.44	5.5	19.7	17.7
1000	1112	6	10000	17.7	2.95	2.95	2.95	2.95	2.95	2.95	0	0	4.13	13.5	7
1000	1200	8	3000	63.7	2.7	2.7	2.7	2.7	10.6	10.6	15.9	15.9	4.12	13.5	13
1000	1200	6	9600	19.9	3.3	3.3	3.3	3.3	3.3	3.3	0	0	4.12	13.5	13
1000	1500	6	500	477.5	79.6	79.6	79.6	79.6	79.6	79.6	0	0	6.25	13.5	18
1000	1885	8	1000	300	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	5.7	15.7	28.3
1000	2000	1	500	637	637	0	0	0	0	0	0	0	7.5	22	13
1000	2084	1	200	1658	1658	0	0	0	0	0	0	0	8.00	22	28
1000	2470	1	600	655	655	0	0	0	0	0	0	0	7.5	16.5	28
1000	2470	1	1000	393	393	0	0	0	0	0	0	0	6.25	13.5	23.3
1000	2470	1	3000	131	131	0	0	0	0	0	0	0	6.06	13.5	12.1
1000	2500	8	3000	132.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	4.12	13.5	13
1000	4800	2	1200	637	318.5	318.5	0	0	0	0	0	0	8	22	28
1100	400	4	3000	17.5	4.4	2.2	6.6	4.4	0	0	0	0	4.12	13.5	7
1100	1000	6	300	438.4	73.1	73.1	73.1	73.1	73.1	73.1	0	0	6.25	13.5	19
1100	1210	5	500	318.3	45.5	68.2	68.2	68.2	68.2	0	0	0	6.25	11.5	14.25
1100	1650	6	300	723.4	120.6	120.6	120.6	120.6	120.6	120.6	0	0	6.25	13.5	28
1100	1650	6	3000	72.3	12.4	12.4	12.4	12.4	12.4	12.4	0	0	4.12	13.5	13
1100	1815	6	500	477.5	79.6	79.6	79.6	79.6	79.6	79.6	0	0	6.25	13.5	22

Product list

Ratings			Freq. Hz	Other Ratings									Case size		
Volts	kVAR			Totalmicro-farads	Split (1)	Split (2)	Split (3)	Split (4)	Split (5)	Split (6)	Split (7)	Split (8)	WidthIn.	LengthIn.	HeightIn.
	Total	Splits													
1100	2200	1	1000	289.4	289.4	0	0	0	0	0	0	0	6	13.5	13.75
1100	2514	8	2000	165.3	17.5	17.5	21.7	21.7	21.7	21.7	21.7	21.7	5.12	13.5	13
1200	120	1	60	221	221	0	0	0	0	0	0	0	4.62	13.5	17.5
1200	120	3	60	221	73.7	73.7	73.7	0	0	0	0	0	4.12	13.5	17.5
1200	200	2	60	368.4	184.2	184.2	0	0	0	0	0	0	4.5	13.5	22
1200	600	6	180	368.4	30.7	30.7	61.4	61.4	92.1	92.1	0	0	6.25	13.5	17.5
1200	1200	6	10000	13.3	1.3	1.3	2.7	2.7	2.7	2.7	0	0	4.12	13.5	7
1200	1900	6	2000	105	17.5	17.5	17.5	17.5	17.5	17.5	0	0	4.12	13.5	13
1200	2880	8	1000	318.3	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	6.25	13.5	20.5
1250	750	6	1000	76.4	6.4	6.4	12.7	12.7	19.1	19.1	0	0	4.12	13.5	13
1250	965	1	100	985	985	0	0	0	0	0	0	0	8.00	22	28
1250	1200	8	3000	40.7	1.7	1.7	1.7	1.7	6.8	6.8	10.2	10.2	4.12	13.5	9
1250	1000	6	600	169	28.2	28.2	28.2	28.2	28.2	28.2	28.2	0	6.25	13.5	12.5
1250	1200	6	25000	4.9	0.3	0.3	0.6	1.2	1.2	1.2	0	0	6.12	13.5	14.25
1250	1235	6	50000	2.5	0.42	0.42	0.42	0.42	0.42	0.42	0	0	6.13	13.5	14.25
1250	2000	8	500	407.4	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	6.25	13.5	23
1250	2000	6	1200	169.8	28.3	28.3	28.3	28.3	28.3	28.3	0	0	5.25	13.5	15.25
1250	2253	8	1000	229.5	8.5	17	34	34	34	34	34	34	6.12	13.5	15.25
1250	2500	7	15000	17	2.4	2.4	2.4	2.4	2.4	2.4	2.4	0	5.12	13.5	15.25
1250	2600	8	3000	88.3	3.3	6.5	13.1	13.1	13.1	13.1	13.1	13.1	6.12	13.5	13
1250	2600	8	10000	26.5	1.3	2.5	3.8	3.8	3.8	3.8	3.8	3.8	4.12	13.5	13
1250	2900	1	300	985	985	0	0	0	0	0	0	0	8	22	28
1250	3000	1	300	1019	1019	0	0	0	0	0	0	0	6.25	22	28
1250	3000	8	600	509.3	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	6.25	13.5	28
1250	3000	8	1000	305.6	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	6.25	13.5	20
1250	3000	1	1000	305.6	305.6	0	0	0	0	0	0	0	6.25	13.5	15.5

Ratings			Freq. Hz	Other Ratings									Case size		
Volts	kVAR			Totalmicro-farads	Split (1)	Split (2)	Split (3)	Split (4)	Split (5)	Split (6)	Split (7)	Split (8)	WidthIn.	LengthIn.	HeightIn.
	Total	Splits													
1250	3000	8	3000	101.9	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	5.12	13.5	13.5
1250	3000	8	10000	30.6	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	5.25	13.5	13
1250	3000	8	10000	30.6	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	4.12	13.5	15.25
1250	4200	2	500	856	428	428	0	0	0	0	0	0	8	22	28
1300	2800	1	600	439.5	439.5	0	0	0	0	0	0	0	6.5	13.5	24.2
1350	3000	1	1000	262	262	0	0	0	0	0	0	0	6.25	13.5	15
1450	200	2	60	252.4	126.2	126.2	0	0	0	0	0	0	4.75	13.5	22.5
1500	1200	1	700	121.3	121.3	0	0	0	0	0	0	0	6.25	13.5	12
1500	1270	1	300	850	850	0	0	0	0	0	0	0	6.25	13.5	26
1500	1815	6	300	428	71.3	71.3	71.3	71.3	71.3	71.3	71.3	0	6.25	13.5	28
1500	1815	6	500	256.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	0	6.25	13.5	19
1500	2333	8	3000	55	4.6	4.6	4.6	4.6	9.2	9.2	9.2	9.2	4.12	13.5	13
1500	2700	6	600	318.3	53.1	53.1	53.1	53.1	53.1	53.1	0	0	6.25	13.5	24
1500	7200	2	1200	424.4	212.2	212.2	0	0	0	0	0	0	6.25	22	21.5
1600	3400	1	600	352.3	352.3	0	0	0	0	0	0	0	6.25	13.5	28
1600	3400	1	1000	211.4	211.4	0	0	0	0	0	0	0	6.25	13.5	20
1650	257	1	1200	12.52	12.52	0	0	0	0	0	0	0	6.54	13.5	8.66
1800	985	1	200	241.9	241.9	0	0	0	0	0	0	0	6.25	13.5	26
1800	1200	6	1200	49.1	4.1	4.1	8.2	8.2	12.3	12.3	0	0	5.12	13.5	13
1800	1900	6	300	311.1	51.9	51.9	51.9	51.9	51.9	51.9	51.9	0	6.25	13.5	28
1800	1900	1	300	311.1	311.1	0	0	0	0	0	0	0	6.25	13.5	28
1800	2900	8	1200	118.7	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	6.12	13.5	15.25
1800	3000	7	15000	9.8	1.4	1.4	1.4	1.4	1.4	1.4	1.4	0	5.12	13.5	15.25
1800	3000	7	35000	4.2	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0	5.12	13.5	15.25
1800	3350	1	600	274	274	0	0	0	0	0	0	0	6.25	13.5	29
1800	3600	8	3000	59	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	5.13	13.5	13

Product list

Ratings			Freq. Hz	Other Ratings									Case size		
Volts	kVAR			Totalmicro-farads	Split (1)	Split (2)	Split (3)	Split (4)	Split (5)	Split (6)	Split (7)	Split (8)	WidthIn.	LengthIn.	HeightIn.
	Total	Splits													
1800	4000	1	300	650	650	0	0	0	0	0	0	0	7.5	22	28
1800	4100	1	300	671	671	0	0	0	0	0	0	0	6.25	22	31
1800	4320	1	1200	177	177	0	0	0	0	0	0	0	6	22	13.5
1800	5525	1	1000	271	271	0	0	0	0	0	0	0	6.89	22	17.2
1800	6000	1	300	982	982	0	0	0	0	0	0	0	8	22	33.5
1850	3300	1	1000	153	153	0	0	0	0	0	0	0	6.25	13.5	18.5
1875	7500	1	500	679	679	0	0	0	0	0	0	0	8	22	28
2000	2200	6	1000	87.5	14.6	14.6	14.6	14.6	14.6	14.6	0	0	6.25	13.5	20
2000	2700	6	500	214.9	35.8	35.8	35.8	35.8	35.8	35.8	0	0	6.25	13.5	28
2000	3000	1	550	217	217	0	0	0	0	0	0	0	6.25	13.5	26
2000	3000	8	3000	39.8	3.3	3.3	3.3	3.3	6.6	6.6	6.6	6.6	5.12	13.5	13
2000	3016	7	20000	6	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0	5.13	13.5	14
2000	3016	7	30000	4	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0	5.12	13.5	15.25
2000	3214	1	250	511.5	511.5	0	0	0	0	0	0	0	8	22	28
2000	4000	1	300	531	531	0	0	0	0	0	0	0	7.5	22	28
2200	1815	1	300	198.9	198.9	0	0	0	0	0	0	0	6.25	13.5	26
2200	1815	1	1000	59.7	59.7	0	0	0	0	0	0	0	6	13.5	11
2200	2600	7	40000	2.1	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0	5.12	13.5	15.25
2200	3960	6	3000	43.4	7.2	7.2	7.2	7.2	7.2	7.2	0	0	5.12	13.5	15.25
2200	5280	1	1500	115.7	115.7	0	0	0	0	0	0	0	6.25	13.5	24.5
2400	120	2	60	55.3	27.6	27.6	0	0	0	0	0	0	4.12	13.5	17.5
2400	1500	6	200	207.2	34.5	34.5	34.5	34.5	34.5	34.5	0	0	6.25	13.5	28
2400	1815	1	500	100.3	100.3	0	0	0	0	0	0	0	6.25	13.5	17
2400	1815	4	500	100.3	25.1	25.1	25.1	25.1	0	0	0	0	6.25	13.5	20.5
2400	2500	1	400	172.7	172.7	0	0	0	0	0	0	0	6.25	13.5	28
2400	4300	1	300	396	396	0	0	0	0	0	0	0	8	22	32

Ratings			Freq. Hz	Other Ratings									Case size		
Volts	kVAR			Totalmicro-farads	Split (1)	Split (2)	Split (3)	Split (4)	Split (5)	Split (6)	Split (7)	Split (8)	WidthIn.	LengthIn.	HeightIn.
	Total	Splits													
2500	1000	6	200000	0.13	0.022	0.022	0.022	0.022	0.022	0.022	0	0	4.5	13.5	5
2500	1800	6	700	261.9	43.7	43.7	43.7	43.7	43.7	43.7	0	0	6	13.5	17.5
2500	2000	6	500	101.9	17	17	17	17	17	17	0	0	6.25	13.5	28
2500	3000	1	500	152.8	152.8	0	0	0	0	0	0	0	6.25	13.5	28
2500	4780	1	500	244	0	0	0	0	0	0	0	0	7.5	22	28
2500	6000	1	1500	101.9	101.9	0	0	0	0	0	0	0	6.25	13.5	28
2500	8000	1	500	407	407	0	0	0	0	0	0	0	8	22	30.5
2500	9817	1	2500	100	100	0	0	0	0	0	0	0	8	6.9	22.6
2700	4000	1	400	218	218	0	0	0	0	0	0	0	6.25	22	19.7
2800	4000	1	300	271	271	0	0	0	0	0	0	0	8	22	28
2800	4000	1	400	203	203	0	0	0	0	0	0	0	6.25	22	21.3
2800	4800	1	400	244	244	0	0	0	0	0	0	0	7.5	22	28
2800	7310	1	700	212	212	0	0	0	0	0	0	0	6.25	22	28
2800	8000	1	350	464	464	0	0	0	0	0	0	0	8.15	22	33.5
2860	5525	1	250	430	430	0	0	0	0	0	0	0	8	22	31
2860	6630	1	300	430	430	0	0	0	0	0	0	0	8	22	31
3000	1500	6	6000	4.4	0.7	0.7	0.7	0.7	0.7	0.7	0	0	4.12	13.5	13
3000	1800	6	1000	31.8	5.3	5.3	5.3	5.3	5.3	5.3	0	0	6.12	13.5	15.25
3000	2000	1	700	50.5	50.5	0	0	0	0	0	0	0	6.25	13.5	14
3000	2000	3	50000	0.7	0.2	0.2	0.2	0	0	0	0	0	6.12	13.5	13
3000	3000	7	20000	2.7	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0	5.12	13.5	15.25
3000	3150	6	50000	1.1	0.18	0.18	0.18	0.18	0.18	0.18	0	0	6.25	13.5	14
3000	3393	1	400	150	150	0	0	0	0	0	0	0	5.7	16.5	33.5
3000	3167	1	700	80	80	0	0	0	0	0	0	0	8.46	13.5	25.6
3000	3500	3	10000	6.2	2.1	2.1	2.1	0	0	0	0	0	6.12	13.5	15.75
3000	3900	8	6000	11.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	4.12	13.5	15.25

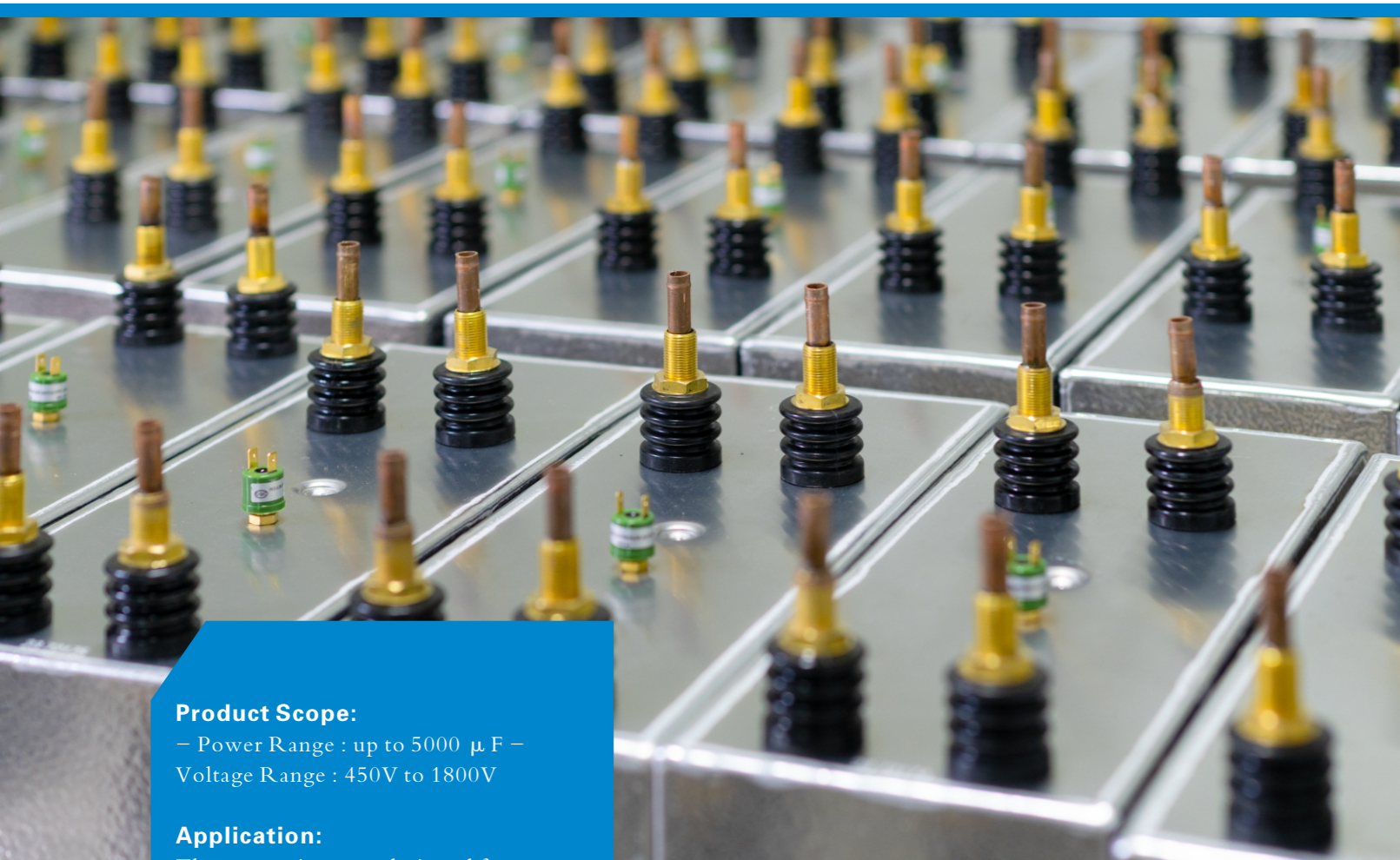
Product list

Ratings			Freq. Hz	Other Ratings									Case size		
Volts	kVAR			Totalmicro- farads	Split (1)	Split (2)	Split (3)	Split (4)	Split (5)	Split (6)	Split (7)	Split (8)	WidthIn.	LengthIn.	HeightIn.
	Total	Splits													
3000	4750	7	1200	70	10	10	10	10	10	10	10	0	5.5	15.7	27.5
3000	4800	2	400	212.2	106.1	106.1	0	0	0	0	0	0	7.5	22	28
3000	5133	1	300	303	303	0	0	0	0	0	0	0	7.5	22	28
3000	5173	1	300	305	305	0	0	0	0	0	0	0	7.5	22	28
3000	5350	1	300	315.4	315.4	0	0	0	0	0	0	0	8	22	31
3000	5400	1	450	212.2	212.2	0	0	0	0	0	0	0	8	22	28
3000	5450	1	700	137.7	137.7	0	0	0	0	0	0	0	6.5	16.5	28
3000	5655	1	1000	100	100	0	0	0	0	0	0	0	6.25	13.5	28
3000	5796	1	600	170	170	0	0	0	0	0	0	0	8.26	16.5	26.8
3000	5900	2	500	209	104.5	104.5	0	0	0	0	0	0	7.5	22	24
3000	6000	1	1000	106	106	0	0	0	0	0	0	0	6.25	22	17.7
3000	6000	2	500	212	106	106	0	0	0	0	0	0	8	22	23.2
3000	6000	1	400	265	265	0	0	0	0	0	0	0	7.5	22	28
3000	6000	1	300	354	354	0	0	0	0	0	0	0	7.5	22	31
3000	6667	1	1200	98.2	98.3	0	0	0	0	0	0	0	6.25	13.5	28
3000	6921	1	1200	102	102	0	0	0	0	0	0	0	6.25	13.5	28
3000	7200	1	600	255	255	0	0	0	0	0	0	0	7.5	22	31
3000	8400	1	700	212	212	0	0	0	0	0	0	0	7.5	22	28
3000	13400	1	1200	197.5	197.5	0	0	0	0	0	0	0	8	22	31
3050	7500	1	700	183.3	183.3	0	0	0	0	0	0	0	6.89	22	28
3050	8682	2	700	212	106	106	0	0	0	0	0	0	7.5	22	28
3200	5500	1	700	122	122	0	0	0	0	0	0	0	6.89	22	20.8
3200	6000	1	300	311	311	0	0	0	0	0	0	0	7.5	22	31
3200	6000	1	400	233	233	0	0	0	0	0	0	0	7.5	22	28
3200	6000	1	500	187	187	0	0	0	0	0	0	0	8	22	23.2
3200	6000	1	1000	93.2	93.2	0	0	0	0	0	0	0	6.89	22	16.3

Ratings			Freq. Hz	Other Ratings									Case size		
Volts	kVAR			Totalmicro- farads	Split (1)	Split (2)	Split (3)	Split (4)	Split (5)	Split (6)	Split (7)	Split (8)	WidthIn.	LengthIn.	HeightIn.
	Total	Splits													
3200	6826	1	700	151.5	151.5	0	0	0	0	0	0	0	6.89	22	23.6
3200	8000	1	500	249	249	0	0	0	0	0	0	0	8	22	30.7
3300	513	1	600	12.5	12.5	0	0	0	0	0	0	0	6.53	13.5	8.66
3300	1815	1	1000	26.5	26.5	0	0	0	0	0	0	0	6.25	13.5	11
3300	3025	1	500	88.4	88.4	0	0	0	0	0	0	0	6.5	13.5	28
3300	3300	1	300	160.8	160.8	0	0	0	0	0	0	0	7.5	22	28
3300	3300	6	1000	48.2	8	8	8	8	8	8	8	0	6.25	13.5	25
3300	5000	1	300	244	244	0	0	0	0	0	0	0	7.5	22	28
3300	5450	1	500	159	159	0	0	0	0	0	0	0	8	22	21.8
3300	5455	1	600	133	133	0	0	0	0	0	0	0	7.5	22	24.7
3300	6000	1	500	175	175	0	0	0	0	0	0	0	8	22	23.2
3300	6160	1	500	180.1	180.1	0	0	0	0	0	0	0	8	22	28
3300	7350	1	1500	71.6	71.6	0	0	0	0	0	0	0	6.25	13.5	28
3500	5000	1	300	216.5	216.5	0	0	0	0	0	0	0	7.5	22	28
3500	6000	1	300	260	260	0	0	0	0	0	0	0	7.5	22	31
3500	6000	1	1000	80	80	0	0	0	0	0	0	0	6.89	22	17.7
3500	8000	1	300	346	346	0	0	0	0	0	0	0	9.17	22	35.4
3800	7500	1	500	165	165	0	0	0	0	0	0	0	8	22	28
4000	6333	1	600	105	105	0	0	0	0	0	0	0	8	22	28
4000	8333	1	500	166	166	0	0	0	0	0	0	0	8	22	28
4400	7260	1	600	99.5	99.5	0	0	0	0	0	0	0	7.5	22	34.6
4400	8515	1	500	140	140	0	0	0	0	0	0	0	8	22	32.8
5500	5650	1	400	74.4	74.4	0	0	0	0	0	0	0	7.5	22	34.6
5500	10400	1	500	132.4	132.4	0	0	0	0	0	0	0	8.46	22	37
6000	6000	1	300	88.4	88.4	0	0	0	0	0	0	0	15.4	22	28.4

PRODUCT INTRODUCTION

DC Filter Capacitor



Product Scope:

– Power Range : up to 5000 μ F –
Voltage Range : 450V to 1800V

Application:

These capacitors are designed for use on DC supplies and are intended to protect the network from momentary voltage spikes and surges and for filtering out AC ripple.

Quality Assurance System:

ISO 9001:2008 ,CE



Construction:

- Dielectric material: metallized film
- Aluminum case, Side board 2mm, Cover and Base 3mm. Live or Dead case on request.
- Terminals material: Copper
- Insulation Oil: Rapeseed oil for DC capacitors (Non- PCB, Environmentally friendly, non-toxic biodegradable)
- Mounting position: Vertically or Horizontal with proper support for the weight of the capacitor.

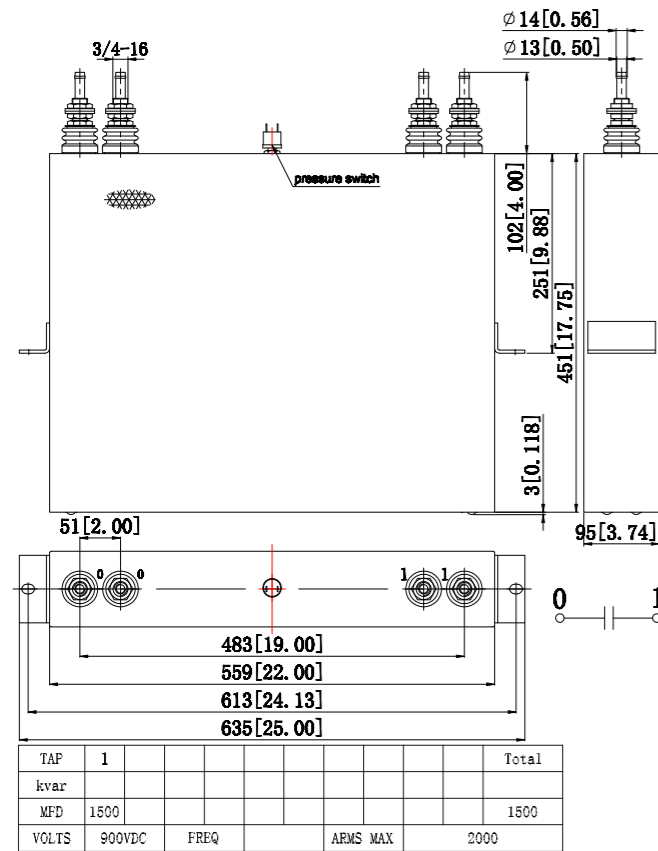
Technical Data and Limit Values:

Standards :	GB/T 12747 / IEC60831
Location:	Indoor use
Ambient air temperature:	-25/+50° C
Capacitance tolerance:	-5 / +10 %
Over- voltage:	Rated voltage x 1.0 (12h per day)
Over- current:	Rated current x 1.1
Cooling methods:	water cooling
Water flow rate:	6L/min
Max. inlet water temperature:	30° C
Max. outlet water temperature:	45° C
Pressure switch (on request):	Normal close (NC) type
Discharge device (on request):	Less than 75V in 3min

DC Filter Capacitor

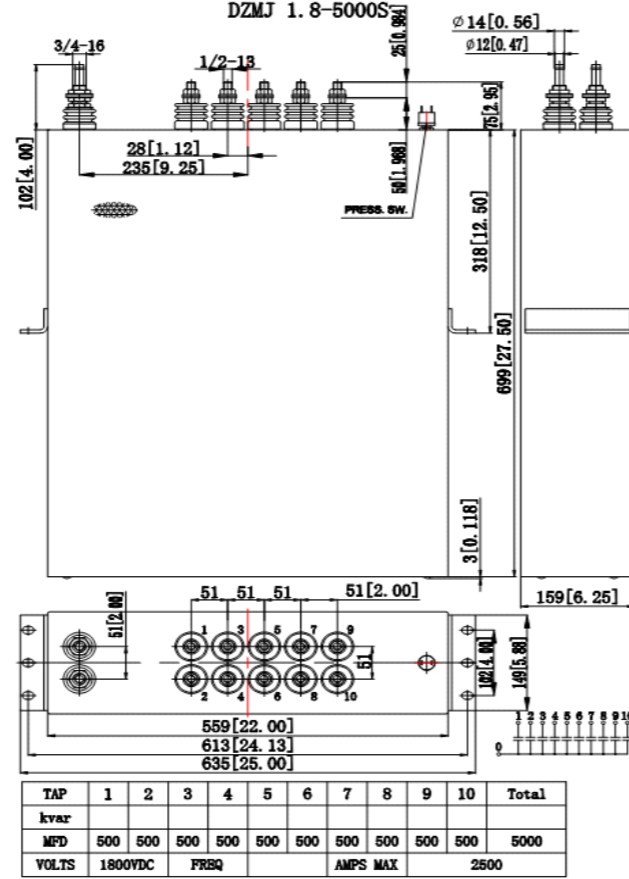
Bulk Design

Jiande An Tai Power Capacitor co.,Ltd
DZMJ 0.9-1500S



Vernier Design

Jiande An Tai Power Capacitor co.,Ltd
DZMJ 1.8-5000S



Product list

Volts	kVAR Splits	Freq. Hz	Other Ratings									Case size		
			Total micro-	Split (1)	Split (2)	Split (3)	Split (4)	Split (5)	Split (6)	Split (7)	Split (8)	WidthIn.	LengthIn.	HeightIn.
400	6	DC	3300	550	550	550	550	550	550	0	0	4.88	13.5	22
700	2	DC	300	150	150	0	0	0	0	0	0	3	13.5	6.75
700	2	DC	1850	925	925	0	0	0	0	0	0	4.88	13.5	19.75
700	4	DC	600	150	150	150	150	0	0	0	0	5.12	13.5	15.75
700	6	DC	1200	300	300	300	300	0	0	0	0	5.31	13.5	15.75
700	6	DC	2300	383.3	383.3	383.3	383.3	383.3	383.3	0	0	4.88	13.5	24.25
720	6	DC	1500	250	250	250	250	250	250	0	0	4.88	13.5	18.75
750	4	DC	600	150	150	150	150	0	0	0	0	5.24	13.5	13.6
750	2	DC	1500	750	750	0	0	0	0	0	0	4.88	13.5	16.73
800	4	DC	1400	233.3	233.3	466.7	466.7	0	0	0	0	4.88	13.5	13.38
900	1	DC	1500	1500	0	0	0	0	0	0	0	3.75	22	17.75
900	2	DC	300	150	150	0	0	0	0	0	0	4.5	13.5	9
900	2	DC	400	200	200	0	0	0	0	0	0	3	13.5	9
900	4	DC	600	150	150	150	150	0	0	0	0	5.25	13.5	11.25
900	4	DC	750	200	200	175	175	0	0	0	0	5.25	13.5	14.38
900	4	DC	1850	462.5	462.5	462.5	462.5	0	0	0	0	5.75	13.5	18.75
900	6	DC	850.2	141.7	141.7	141.7	141.7	141.7	141.7	0	0	4.12	13.5	16.5
900	6	DC	1200	200	200	200	200	200	200	0	0	6.25	13.5	22
900	6	DC	1399.8	233.3	233.3	233.3	233.3	233.3	233.3	0	0	4.88	13.5	11.25
900	8	DC	3300	412.5	412.5	412.5	412.5	412.5	412.5	412.5	412.5	4.88	16.5	26.5
900	1	DC	5000	5000	0	0	0	0	0	0	0	5.39	22	23.3
900	10	DC	10*500	500	500	500	500	500	500	500	500	5.39	22	23.3
900	2	DC	6800	3400	3400	0	0	0	0	0	0	5.75	22	18

Ratings		Freq. Hz	Other Ratings									Case size		
Volts	kVAR Splits		Total micro-	Split (1)	Split (2)	Split (3)	Split (4)	Split (5)	Split (6)	Split (7)	Split (8)	WidthIn.	LengthIn.	HeightIn.
900	8	DC	7500	3750	3750	0	0	0	0	0	0	5.39	22	20
900	8	DC	10000	5000	5000	0	0	0	0	0	0	5.75	22	27
1000	4	DC	500	125	125	125	125	0	0	0	0	6.25	13.5	11
1000	1	DC	3240	3240	0	0	0	0	0	0	0	5.5	22	25.2
1000	6	DC	1000	166	166	166	166	166	166	0	0	4.25	13.5	18.5
1000	8	DC	1500	186	186	186	186	186	186	186	186	5.00	22	10
1000	2	DC	3300	1650	1650	0	0	0	0	0	0	4.63	22	23
1000	2	DC	5000	2500	2500	0	0	0	0	0	0	5.75	22	27
1000	8	DC	7500	934	934	934	934	934	934	934	934	5.38	22	16.25
1200	1	DC	5000	5000	0	0	0	0	0	0	0	4.72	22	23.3
1300	1	DC	5000	5000	0	0	0	0	0	0	0	4.72	22	23.3
1600	6	DC	4500	4500	0	0	0	0	0	0	0	6.25	13.5	23
1500	1	DC	5000	5000	0	0	0	0	0	0	0	5.5	22	24.8
1800	1	DC	5000	5000	0	0	0	0	0	0	0	6.25	220	27.5

