



Transforming The Future Of Power Technology

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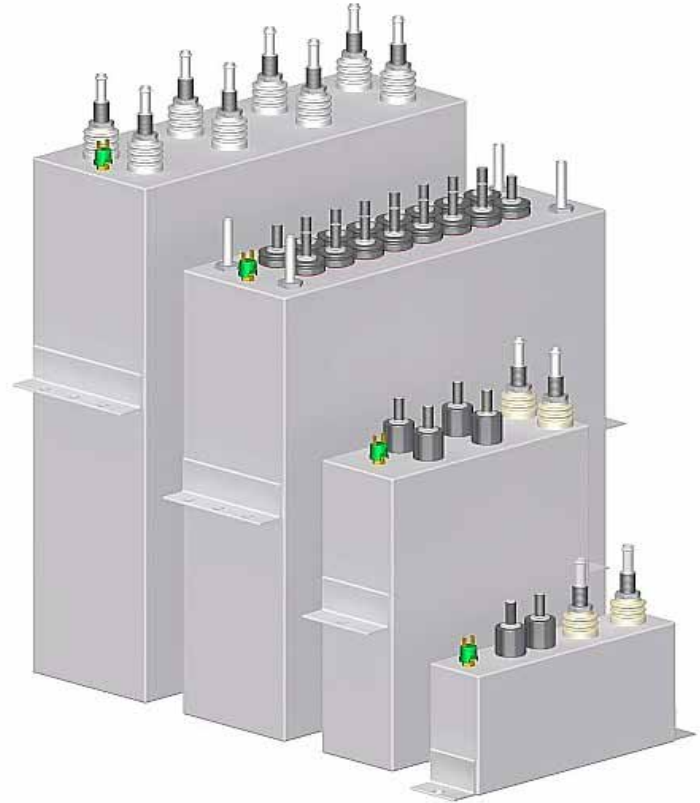
**CONSULT FACTORY WITH DETAIL REQUIREMENTS OR REQUEST TECHNICAL DIALOGUE**

# WAC-Series Water Cooled Capacitors

## Superior Thermal Management for Demanding DC Applications

NWL's WAC Series capacitors have been designed to operate in a wide range of induction heating applications, to include melting, forging, billet heating, hardening, and other types of heat treating.

With our expanded, Class 10000 clean room manufacturing capabilities, we can develop any solution for your induction heating power supplies, regardless of size.



### General Specifications

Capacitance: 250 to 20,000

Voltage: 600 to 4,200 VDC

Frequency: 10 Hz to 450 kHz

Current: up to 3,500 A rms

Package: Aluminum welded cases

Cooling: 45° C max outlet water

### Available Features and Options

- Pressure switches
- Live vs. Dead case construction
- Single to multiple fine-tuning values per capacitor
- Choice of custom bracket style and location
- Internal discharge resistors
- Choice of cooling water connections
- Choice of terminal connections



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## WAC Series Electrical Ratings

Capacity (uF)	VDC	Current rms	Frequency (Hz)	Case	Sections	Width (in)	Length (in)	Height (in)	Weight (kg)
250	700	700	25000	dead	2	5.8	15.5	7.0	21
250	700	350	100000	dead	2	5.8	15.5	7.0	21
300	700	400	10000	dead	2	3.4	13.5	6.8	10
600	700	750	10000	dead	4	5.3	13.5	18.0	36
780	900	1200	3000	dead	4	4.9	13.5	16.5	31
1620	900	1140	3000	dead	4	4.9	13.5	17.8	34
3000	900	1500	10000	dead	8	4.6	13.5	21.0	39
3300	900	2600	3000	dead	8	4.5	16.5	26.5	56
5000	900	2500	3000	dead	10	5.0	22.0	22.0	69
5000	900	2500	3000	dead	1	5.0	22.0	22.0	69
7500	900	2300	1500	dead	8	5.0	22.0	20.0	63
10000	900	1800	1000	dead	8	5.4	22.0	22.0	75
20000	900	2500	1000	dead	2	6.4	22.0	31.0	125
500	1000	800	10000	live	4	4.9	13.5	11.0	21
1500	1000	1200	3000	dead	8	5.0	22.0	10.0	32
1500	1000	1500	25000	dead	6	4.3	13.5	17.0	28
3300	1000	2500	10000	dead	2	4.6	22.0	23.0	67
5000	1000	2500	1000	dead	2	5.8	22.0	27.0	98
750	1200	1100	10000	dead	8	5.0	22.0	10.0	32
1500	1200	900	3000	dead	6	4.4	13.5	14.5	25
3300	1200	2000	3000	dead	8	4.6	16.5	26.5	58
5000	1200	1250	10000	dead	8	6.4	22.0	14.0	56
10000	1200	2800	3000	dead	8	7.0	22.0	25.0	110
10000	1200	3400	3000	dead	10	7.0	26.0	25.0	130
18400	1200	2500	1000	dead	2	7.8	22.0	29.0	140
4500	1600	800	3000	dead	6	6.3	13.5	23.0	56
10000	1600	2200	3000	dead	2	6.3	22.0	30.0	118
3000	2000	900	10000	dead	6	5.8	13.5	28.0	61
5000	2000	2500	10000	dead	10	5.8	22.0	28.0	99
3000	2400	700	3000	dead	6	7.8	13.5	28.0	84
5000	2400	1150	3000	dead	10	7.8	22.0	28.0	135
1800	3600	450	3000	dead	6	7.8	13.5	28.0	84
3000	3600	750	3000	dead	10	7.8	22.0	28.0	135
1000	5000	350	3000	dead	6	7.8	13.5	28.0	84
1600	5000	500	3000	dead	10	7.8	22.0	28.0	135