

Type 944L Low Inductance DC Link Capacitors

For Fast-switching Inverter Applications

Type 944L DC Link capacitors are specifically designed for fast switching power conversion applications. Their low inductance construction and low-loss winding technology make them ideal for the next generation of high power-dense inverter and converter designs. Their rugged plastic case with integrated mounting flanges, threaded stud or insert termination options, allow for easy, secure mounting. This series is ideal for DC Fast EV Charging and for high power solar inverters and motor drives.

Highlights

- Designed for higher switching frequencies
- Up to 60% lower ESL (Equivalent Series Inductance)
- High ripple current
- M8 threaded stud and M5 insert termination options
- Integrated mounting flanges

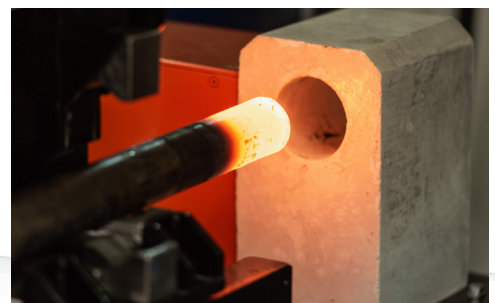
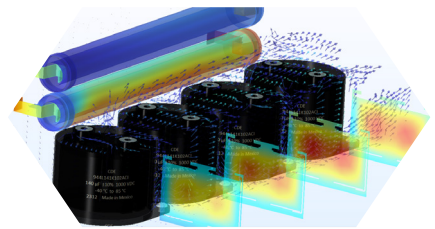
Specifications

Capacitance Range	33 to 220 μ F
Capacitance Tolerance	$\pm 10\%$ standard
Voltage Range	800 to 1400 Vdc
Operating Temperature	-40 °C to 85 °C
Maximum rms Current	90A @ 55 °C
Maximum rms Voltage	230 Vac
Test Voltage between Terminal @ 25°C	150% rated DC voltage for 10 s
Test Voltage between Terminals & Case @ 25°C	4 kVac @ 50/60 Hz for 60 s
Life Test	5000 h @ 85 °C, rated voltage



Applications Include

DC Link for fast switching Inverters and converters: DC fast charging, solar inverters, motor drives, induction heating, and lasers



<https://www.cde.com/new-product/944l/>



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