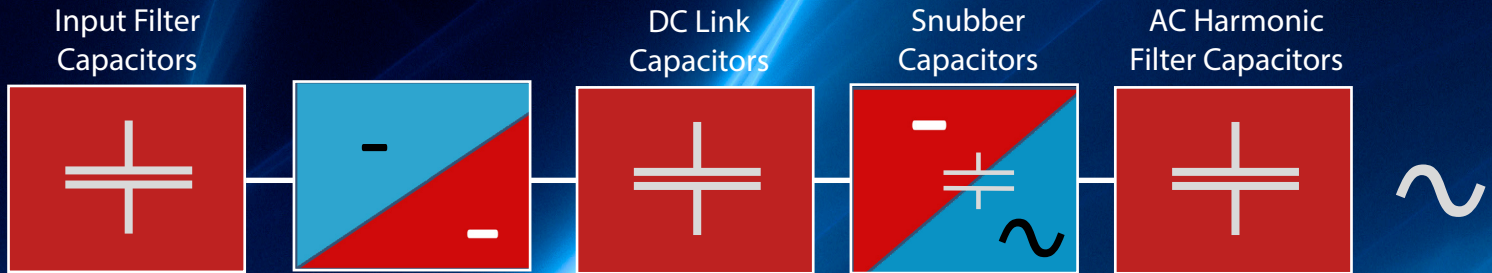


CDE at a Glance

Capacitors for Inverter Applications

Cornell Dubilier excels with leading edge aluminum electrolytic and film dielectric capacitors designed to solve the unique demands presented within each of the electronic stages of power inverters. Among CDE's 35,000 worldwide customers are leading manufacturers of welders, UPS systems, motor drives, medical imaging, medical lasers, semiconductor processing and inverters for distributed/renewable power.



Power Film DC Link

CDE offers the most advanced metallized film technology for long life and high reliability in DC link applications. Available in a variety of package styles, our technology combines high capacitance and very high ripple current capability needed for today's inverter designs for wind, solar, fuel cells, UPS systems, medical power and more.

<https://www.cde.com/capacitors/film-paper-film-capacitors/power-film-dc-applications/dc-link-capacitors/>

Screw Terminal and Snap-in Capacitors

CDE is the industry's leading manufacturer of screw terminals aluminum electrolytic capacitors for inverter applications. We excel at designing high ripple current screw terminal and snap-in capacitors for critical power electronics applications.

<https://www.cde.com/solutions/inverters/inverter-grade-dc-link-bus-capacitor-selection/>

IGBT Snubber Modules

Low inductance snubbers protect IGBT modules from overvoltage transients. Choose from our board-mount or direct-mount styles for maximum protection.

<https://www.cde.com/capacitors/film-paper-film-capacitors/power-film-dc-applications/snubber-capacitors/>

AC Harmonic Filter Capacitors

Choose from single phase (Type PC) and 3-Phase (Type PFCH) fluid filled AC capacitors designed for filtering harmonics at the input or inverter output. Oil filled types contain an environmentally friendly fluid and their built in safety pressure interrupter ensures open circuit failure mode at end of life. Use axial type ACF for the same high performance filtering where dry construction is preferred.

<https://www.cde.com/capacitors/film-paper-film-capacitors/power-film-ac-applications/harmonic-filtering-capacitors/>

Contact us for your next design:



www.cde.com

Aluminum Electrolytics -
140 Technology Place
Liberty, SC 29657
(864)843-2277, Fax (864)843-3800
Email: cdena@cde.com

Film Capacitors-
1661 E. Rodney French Blvd.
New Bedford, MA 02744
(508)996-8561, Fax (508)996-3830
Email: cdena@cde.com

POWER ELECTRONIC APPLICATIONS FOR CDE CAPACITORS



	ALUMINUM ELECTROLYTICS								DC FILM			MICA			OTHER TYPES					
	Screw Terminal - DCMC, 3186, 550C	Snap Mounts - 380LX, 381LX, SLP, SLPX	Strobe	Photoflash	MLP / MLS Flat.	Plug-In	Leaded	SMT	Aluminum Polymer	Non Polar	SMT	Leaded	Power - 947C, UNL, 944U	IGBT Snubbers	Dipped Leaded	Transmitting	Clad	SMT	AC Harmonic Filter	SCR Commutation
RENEWABLE ENERGY																				
Fuel Cell	◆	◆									◆	◆	◆						◆	◆
Wind Power	◆	◆									◆	◆	◆						◆	
Photovoltaic	◆	◆									◆	◆	◆							
MEDICAL																				
Laser	◆	◆									◆	◆	◆	◆						
MRI Gradient Amplifier	◆	◆									◆	◆	◆	◆						
Xray	◆	◆									◆	◆	◆							
ELECTRIC VEHICLES																				
EV Chargers																				
Train Inverter	◆										◆	◆	◆							
Train Door Opener	◆										◆	◆	◆							
Electric Scooters	◆											◆								
Electric Cars						◆	◆					◆								
Military Truck and Tanks	◆	◆		◆							◆	◆	◆							
POWER SUPPLIES & HOLDUP																				
UPS	◆	◆				◆					◆	◆	◆	◆					◆	
SMPS		◆					◆				◆	◆	◆							
Flywheel Storage	◆	◆									◆	◆	◆							
Battery Chargers	◆																		◆	
INDUSTRIAL EQUIPMENT																				
Welding	◆	◆									◆	◆	◆						◆	
Laser torch	◆	◆									◆	◆	◆							
Semiconductor Processing	◆	◆									◆	◆	◆							
CNC Machines	◆	◆									◆	◆	◆							
Electric Cranes	◆	◆									◆	◆	◆							
Conveyors	◆	◆									◆	◆	◆							
Forklifts																				
Plasma Gas Generators	◆	◆									◆	◆	◆						◆	
HVAC (AIR HANDLING)																				
Rooftop Air Conditioners	◆										◆	◆	◆						◆	
Train & Bus Air Conditioners	◆	◆									◆	◆	◆							
MOTION CONTROL																				
Elevator Drives	◆	◆									◆	◆	◆							
CNC	◆										◆	◆	◆							
Motor Drives	◆	◆									◆	◆	◆						◆	◆



www.cde.com



Contact us for your next design:

Aluminum Electrolytics -
 140 Technology Place
 Liberty, SC 29657
 (864) 843-2277, Fax (864) 843-3800
 E-mail: cdelb@cde.com

Film & Mica -
 1661 E. Rodney French Blvd.
 New Bedford, MA 02744
 (508)996-8561, Fax (508) 996-3830
 E-mail: cdenb@cde.com