

DC LINK CAPACITORS

Benefits & Advantages

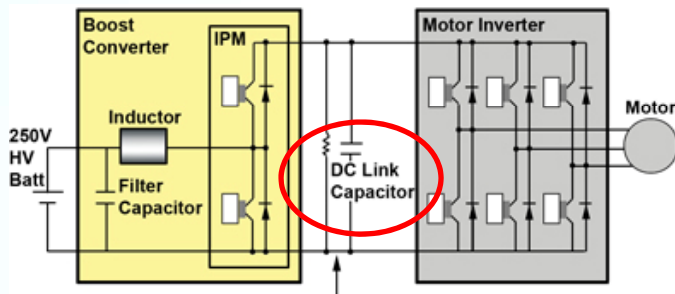
- Products for every power & environment
- Standard, optimized & custom designs
- Decades of experience in power applications & automotive electronics
- Easy-To-Buy-From Philosophy
- Global foot print – Manufacturing & Sales

Programs Supported

- Solar power
- Wind turbines
- Hybrid/Electric vehicles
- Industrial motor drives
- Other power generation

KEMET Products & Competition

Product Family (KEMET Series)	Form
DC LINK	
Wound or Stacked Film. Std series C4AE, C4DE, C44U	PCB mount box & screw-terminal can, custom
Aluminum Electrolytic (ALS, ALC)	Screw Terminal & Snap In
SPECIALTY & CUSTOM SOLUTIONS	
Available upon request - contact your local KEMET representative	



In a power converter or motor drive the power source is DC (or converted to DC). The DC link capacitor acts as a "buffer" between the power source and the inverter. A typical hybrid vehicle is shown. Though the power source and output may vary, the same principle applies to wind turbines, solar converters, and industrial drives.



Long life/high ripple electrolytic capacitors Series ALSxx, ALCxx



Film capacitors for all power levels Series C4AE, C4DE, C44U



Custom film and electrolytic solutions