



Transportation

Chargers for Electric Vehicles



Why Choose KEMET

KEMET applies world-class service and quality to deliver industry-leading, high performance capacitance solutions worldwide. With 95% of possible dielectric solutions, KEMET offers the world's most complete line of surface mount and through-hole capacitor technologies across tantalum, ceramic, film, aluminum and paper dielectrics. One world. One KEMET.

Features & Benefits

- Custom or off-the-shelf solutions
- More than 50 years of automotive experience
- PPAP and AEC Q200 qualifications available
- ISO/TS 16949 certified factories
- Electrolytic capacitors specifically designed for very long life in demanding applications
- Broad range of power film and AC capacitors to suit any configuration and output power
- Standard and custom DC Link capacitors to meet any need

Product Checklist

- What is the main circuit operation voltage?
- What are the temperature requirements?
- Do you have any voltage spike requirements?
- Do you have any physical space limitations?
- What is the power output of the final unit?
- Do you build your power conversion system or outsource it?
- Do you require Automotive Grade or UL-certified capacitors?
- What is your expected annual volume?

For more information, samples and engineering kits, please visit us at www.kemet.com or call 1.877.myKEMET.

Programs Supported

- DC Link/DC Filter
- Snubbers
- AC Filter
- Decoupling and Filtering

KEMET Products

Product Family	KEMET Series	Form
DC Link/DC Filter		
Standard Film	C4A, C4DE, C44U	Through-hole, Radial can
Custom Film		Custom
Aluminum Electrolytic	ALS, ALC	Screw terminal, Snap-in
Snubbers		
Film	C4A, C4B	Box, IGBT box, Radial can
AC Filter		
Film	C4A, C20A, C9T	Box, Radial can
Decoupling & Filtering		
Tantalum MnO ₂	T491, T494, T495, T35X	Surface mount, Through-hole
Tantalum Polymer	KO Series T520, T525	Surface mount
Multilayer Ceramic	Commercial, Custom, Open Mode, FE/FT/FF-CAP, Aximax, Goldmax	Surface mount, Through-hole
Film	R46, PHE850, F611-612, F461-464, SMR, F161, GMC, SMC, LDE, LDB	Surface mount, Through-hole
Aluminum Polymer	A700	Surface mount
Specialty & Custom		
Available upon request. Please contact your local KEMET representative for more details.		

Block Diagram

