

ALTERNATIVE ENERGY

Programs Supported

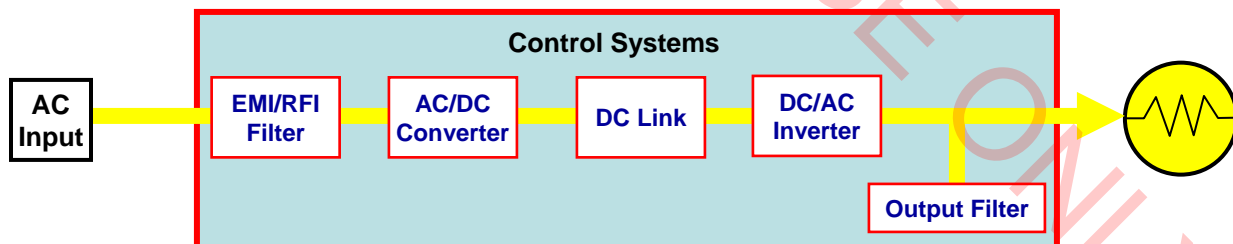
- Wind
- Solar (Photovoltaic & Thermal)
- Geothermal
- Tidal
- Electric Drive Vehicles

Benefits & Advantages

- KEMET's broad & deep product portfolio
- 95% of possible capacitance solutions
- Global footprint - Manufacturing & Sales
- Local Technical Support
- Custom or off the shelf solutions
- Easy-To-Buy-From order entry & philosophy

KEMET Products & Competition

Product Family	Form	Competition
DC LINK		
Stacked Film	Custom	EPCOS
Aluminum Electrolytic	Screw Terminal & Snap In	UCC, Cornel Dublier, Panasonic
SNUBBERS		
Film	Box, IGBT Box	Wima, AVX, EPCOS, CDE
AC FILTER		
Film	Aluminum Case	AVX, Vishay, Nichicon
DECOUPLING & FILTERING		
Ta MnO2 (Standard)	SMD & Thru Hole	AVX, Vishay, Nichicon
Ta Polymer (KO)	SMD	AVX, Sanyo
MLCC	SMD & Thru Hole	Murata, TDK, Samsung
Film	SMD & Thru Hole	EPCOS, Panasonic, AVX, Vishay, Wima
Aluminum	SMD	UCC, Cornel Dublier
SPECIALTY & CUSTOM SOLUTIONS		
Available upon request - contact your local KEMET representative		



QUESTIONS for Customers:

- Power output of final unit?
- Physical location of final unit (sea, mountain, plains, desert)?
- Main circuit operating voltage?
- Any voltage spikes expected?
- Any environmental concerns (temperature, moisture, vibration)?
- Physical space restrictions?
- Expected Annual volume?
- Who builds generator inverter?
- Who builds pitch & yaw inverter?
- Who builds pitch & yaw controller?

Other Information:

White papers at www.kemet.com
 PPT available from KEMET Sales team

Samples available

www.kemet.com

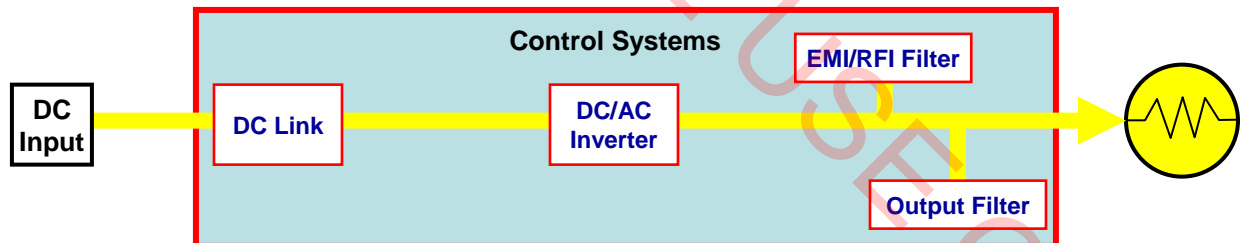
ALTERNATIVE ENERGY - SOLAR Benefits & Advantages

- KEMET's broad & deep product portfolio
- 95% of possible capacitance solutions
- Global footprint - Manufacturing & Sales
- Local Technical Support
- Custom or off the shelf solutions
- Easy-To-Buy-From order entry & philosophy

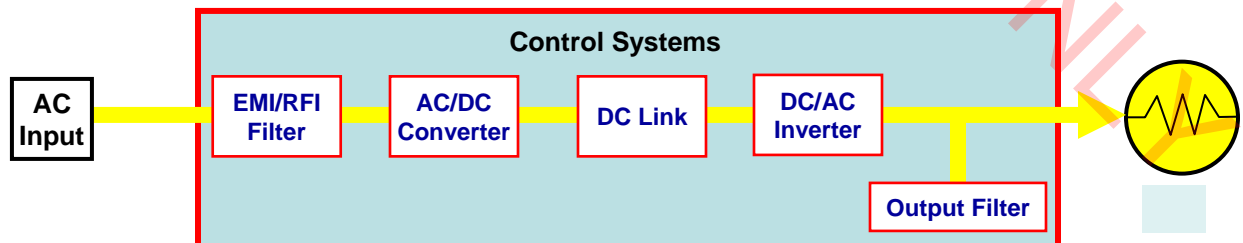
KEMET Products & Competition

Product Family	Form	Competition
DC LINK		
Stacked Film	Custom	EPCOS
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Aluminum	SMD	UCC, Cornel Dublier
SPECIALTY & CUSTOM SOLUTIONS		
Available upon request - contact your local KEMET representative		

Solar Panel (PV) System



Solar Thermal System



QUESTIONS for Customers:

- Power output of final unit?
- Physical location of final unit (sea, mountain, plains, desert)?
- Main circuit operating voltage?
- Any voltage spikes expected?
- Any environmental concerns (temperature, moisture, vibration)?
- Physical space restrictions?
- Expected Annual volume?
- Do you build the entire unit internally?

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Samples available

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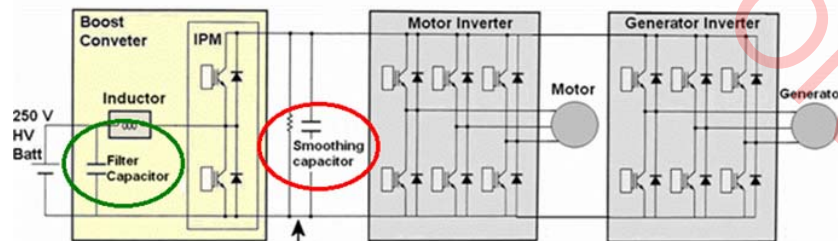
ELECTRIC DRIVE

Benefits & Advantages

- 95% of possible capacitance solutions
- 50+ years of experience
- ISO/TS 16949:2002 plant level certification
- AEC Q200 part level qualifications
- PPAP availability
- Forecasting & consignment
- Easy-To-Buy-From Order Entry Philosophy
- Global foot print – Manufacturing & Sales

KEMET Products & Competition

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Aluminum	SMD	UCC, Cornel Dublier
SPECIALTY & CUSTOM SOLUTIONS		
Available upon request - contact your local KEMET representative		



To Order:

Use the standard part # followed by "AUTO"

QUESTIONS for Customers:

- Who are your end customers?
- Can you use "commercial grade" for any applications?
- Do you have any CSRs (Customer Specific Requirements)?
- Is AEC Q200 testing required?
- Do you need a PPAP?
- Are you familiar with our "AUTO spec"?

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