



# Alternative Energy

## Wind Turbines



[www.richardsonrfpd.com](http://www.richardsonrfpd.com)

800.737.6937 | 630.208.2700

### Why Buy From KEMET?

KEMET is your seamless, integrated, single source for capacitance solutions worldwide. With 95% of possible dielectric solutions, global availability, on-time delivery, plus full custom design services. One world. One source. One KEMET.

### Features & Benefits

- 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

### Customer Questions

If using an inverter:

- What is the inverter power level?
- Are you using a film or electrolytic DC link?
- What snubber capacitors are used?

If not using an inverter:

- Are one or more PFC capacitors used for AC output?
- Are one or more DC filter capacitors used for DC output?

Questions about other electronics:

- Are they film or electrolytic capacitors?
- Who makes the blade pitch and yaw control electronics?
- Are there other control electronics with capacitors used?

For more information, samples and engineering kits, please visit us at [www.kemet.com](http://www.kemet.com) or call 1.877.myKEMET.

### Programs Supported

- DC Link/DC Filter
- Snubbers
- AC Filter
- Power Factor Correction (PFC)
- Decoupling and Filtering

### KEMET Products & Competition

Product Family	KEMET Series	Form	Competition
<b>DC Link/DC Filter</b>			
Standard Film	C4A, C4DE, C44U	Through-hole, Radial can	TDK-EPC, Vishay, AVX, CDE
Custom Film		Custom	TDK-EPC, Vishay, AVX, CDE
Aluminum Electrolytic	ALS, ALC	Screw terminal, Snap-in	UCC, CDE, Panasonic, TDK-EPC, Hitachi
<b>Snubbers</b>			
Film	C4A, C4B	Box, IGBT box, Radial can	WIMA, AVX, TDK-EPC, CDE
<b>AC Filter</b>			
Film	C4A, C20A, C9T	Box, Radial can	AVX, Vishay, TDK-EPC, CDE
<b>Power Factor Correction (PFC)</b>			
Film	C44E, C44H, C44P, C20A, C93, C9T	Radial can	AVX, Vishay, Nichicon, TDK-EPC, CDE
<b>Decoupling &amp; Filtering</b>			
Tantalum MnO2	T491, T494, T495, T35X	Surface mount, Through-hole	AVX, Vishay, Nichicon
Tantalum Polymer	KO Series T520, T525	Surface mount	AVX, Sanyo
Multilayer Ceramic	Commercial, Custom, FT/FF/FE-CAP, Open Mode, Aximax, Goldmax	Surface mount, Through-hole	Murata, TDK, Samsung
Film	R82, R66, R60, MMK, SMR, GMC, SMC, LDE, LDB	Surface mount, Through-hole	TDK-EPC, Panasonic, AVX, Vishay, WIMA
Aluminum Polymer	A700	Surface mount	UCC, CDE
<b>Specialty &amp; Custom Solutions</b>			
Available upon request. Please contact your local KEMET representative.			

### Wind Turbine Inverter System

