



FILM CAPACITORS

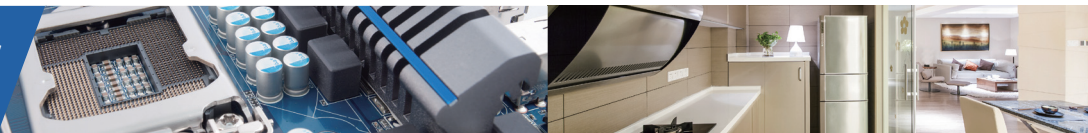
- ✓ With more than 30 years of film capacitor manufacturing experience
- ✓ Provide customer with one-stop solution of film capacitor application
- ✓ Safer, more reliable and more durable



Xiamen Hongfa Electroacoustic Co. Ltd

SALES SERVICE HOTLINE: 400-600-1502

Universal Capacitor Applications



Universal Capacitor is widely used in various kinds of home appliances, PCB control, single-phase AC motors, etc., to play the role of motor starting and running, power supply, anti-interference and other functions.

EMI Capacitor



HCBB62-X2

AC motor capacitor



HCBB60



HCBB61



HCBB65



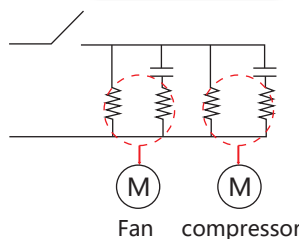
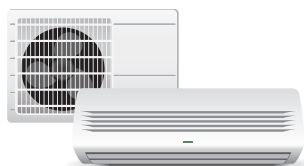
AC Motor Capacitor

Product	Characteristics	Class of safety protection	Safety approval	Specifications	Voltage proof between terminals	Voltage proof between terminals & case
HCBB62-X2	Metallized polypropylene film interference suppression capacitor	—	CQC, UL, VDE, ENEC	Rated voltage: 275VAC/310VAC (50/60Hz) Capacitance range: 0.0047μF~10μF	$\frac{4.3U_R}{2s}$	2000VAC (60s)
HCBB60	Metallized polypropylene film AC motor capacitor (cylindrical, plastic case)	S0, S3	CQC, UL, VDE, TÜV	Rated voltage: 250VAC~500VAC (50/60Hz) Capacitance range: 1μF~100μF	$\frac{2U_N}{2s}$	2000VAC (60s)
HCBB61	Metallized polypropylene film AC motor capacitor (plastic case)	S0, S3	CQC, UL, VDE, TÜV	Rated voltage: 250VAC ~ 500VAC (50/60Hz) Capacitance range: 0.1μF ~ 70μF	$\frac{2U_N}{2s}$	2000VAC (60s)
HCBB65	Metallized polypropylene film AC motor capacitor (Cylindrical, aluminum case, anti-explosion)	S2	CQC, UL, VDE, TÜV	Rated voltage: 250VAC ~ 450VAC (50/60Hz) Capacitance range: 1μF ~ 85μF	$\frac{2U_N}{2s}$	2000VAC (60s)

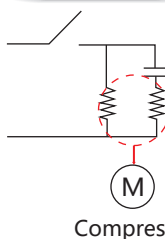


Typical Applications

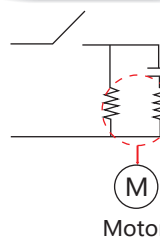
Home appliances



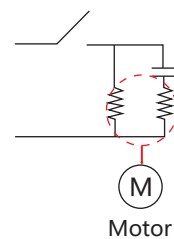
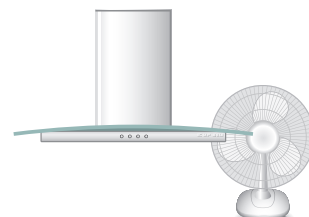
Recommended product :
HCBB61, HCBB65



Recommended product :
HCBB60, HCBB65

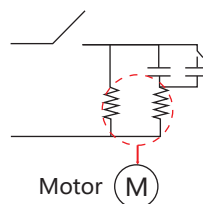


Recommended product :
HCBB60, HCBB65



Recommended product :
HCBB61

Water pump



Recommended product :
HCBB60, HCBB61

Power Electronic Capacitor Applications



Power electronic capacitor is widely used in photovoltaic, wind power and other frequency conversion fields, to play the role of DC-Link, high-frequency filtering, snubbing and other functions.

Power electronic series



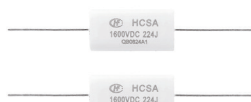
HCDA



HCDB



HCAB



HCSA



HCSB



HCSC

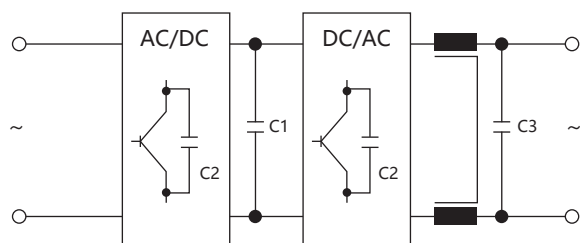


Product Specifications

Product	Rated voltage	Capacitance range	Climatic category
HCDA	600VDC-4000VDC	20 μ F~5000 μ F	40/85/56
HCDB	500VDC-1500VDC	1,0 μ F~140 μ F	40/85/56
HCAB	250VAC-600VAC	0.47 μ F~60 μ F	40/85/56
HCSA	630VDC~2500VDC	0.047 μ F~10 μ F	40/105/56
HCSB	630VDC~2500VDC	0.047 μ F~10 μ F	40/85/56
HCSC	630VDC-2500VDC	0.047 μ F~10 μ F	40/85/56

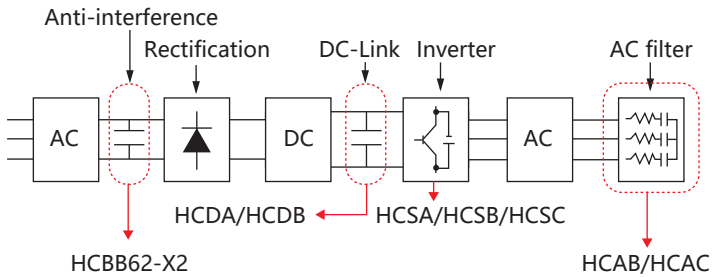


Typical Applications

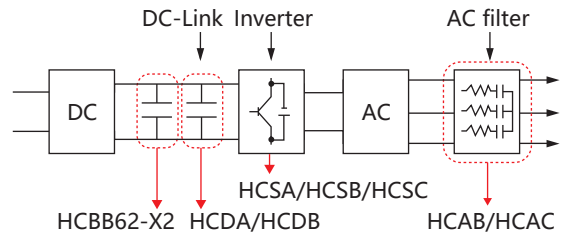


Position	Product	Function
C1	HCDA, HCDB	DC-LINK
C2	HCSA, HCSB, HCSC	IGBT snubbing
C3	HCAB, HCAC	AC filtering

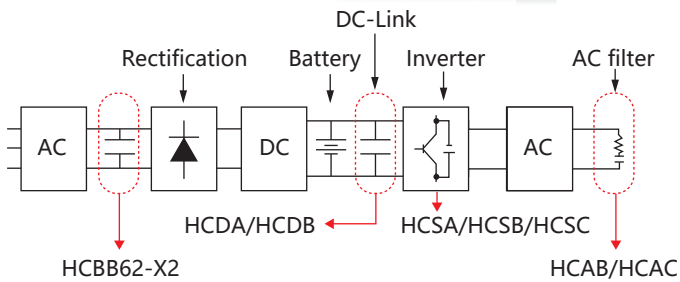
Frequency converter



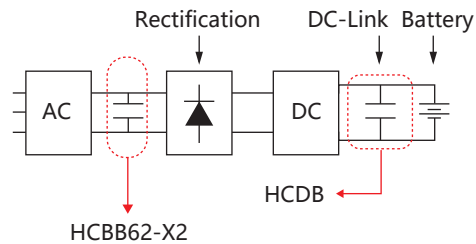
PV



UPS



Charging pile



Power Capacitor Applications



Power capacitor is widely used in the fields of power grid and electric network, to play the role of the power factor correction, power grid odd harmonics control and high-frequency harmonics improvement in the AC output filtering of inverters.

Power capacitor



HCAC



HCBA



Product Specifications >>>>

Product	Characteristics	Rated voltage	Capacitance range	Operation temperature
HCAC	AC filter capacitor	250VAC~850VAC	10 μ F~600 μ F	-40°C~+70°C
HCBA	Self-healing low voltage parallel reactive compensation capacitor	250VAC~690VAC	5kVar~40kVar	-40°C~+55°C

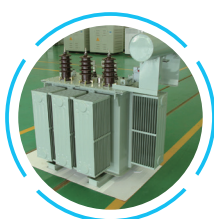


Typical Applications of Reactive Power Compensation Capacitor >>>>

The self-healing low voltage parallel reactive compensation capacitor is used to compensate the inductive reactive power, improve the power factor and power quality. Recommended product: HCBA



Power grid



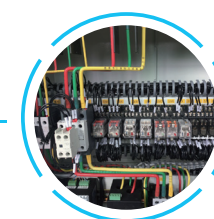
Transformer



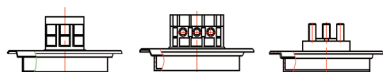
Power metering cabinet



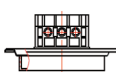
Switching cabinet



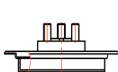
Compensation cabinet



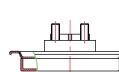
A type



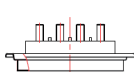
B type



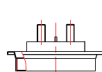
C type



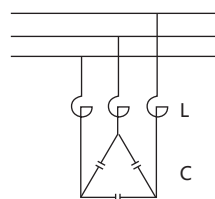
D type



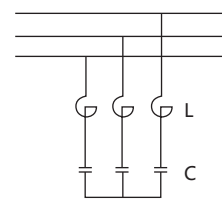
E type



F type



Δ connection

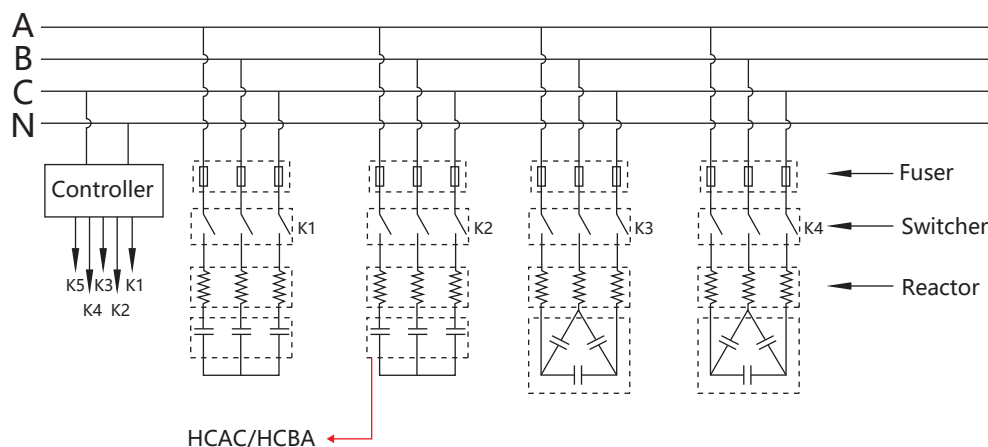


Y connection



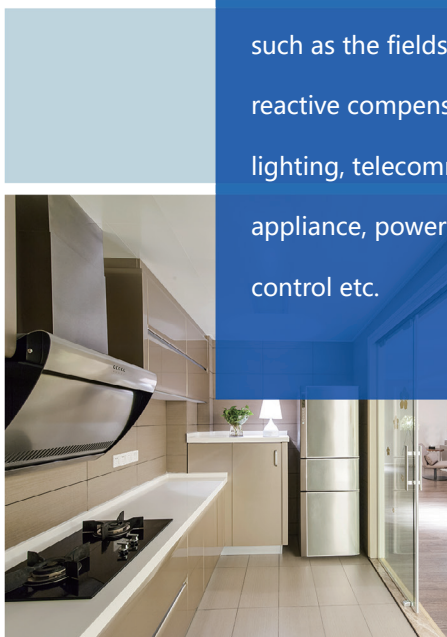
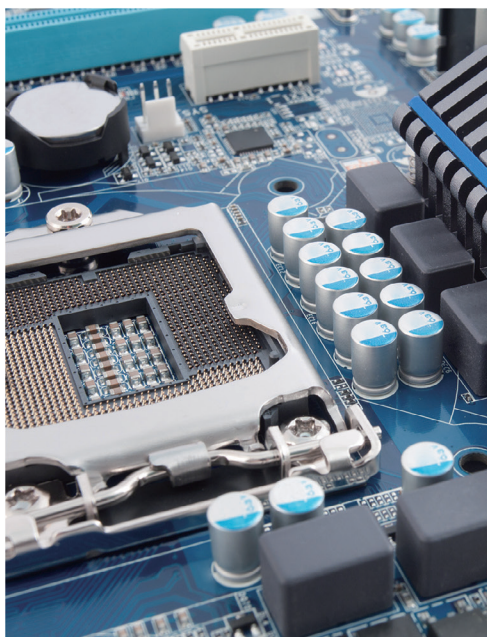
Typical Application of AC Filter Capacitor >>>>

AC filter capacitor provides low impedance channels for harmonic current of various frequencies, reduces power grid harmonics and improves power quality. Recommended product: HCAC, HCBA





Provide customer with one- stop
solution of film capacitor application
such as the fields of new energy,
reactive compensation, AC filter,
lighting, telecommunication, home
appliance, power supply, industrial
control etc.



ADD: No. 560-578, Donglin Road, Jimei North Ind.Dist., Xiamen, 361021,China
TEL: + 86 - 575- 89089892 + 86 - 592 - 6196723 **FAX:** + 86 - 592 - 6106678
E-MAIL: cap-tech@hongfa.com marketing@hongfa.com

Scan here for more information.