

PowerPro™ EF300 Series

Three Phase Input & Output Online Transformerless Frequency Converter 10kVA – 300kVA



-)) Advanced LCD display
-)) Separate battery supported clock and calendar
-)) RS232 or DRY contact relays custom input voltage and frequency ranges
-)) 3 phase or single phase options
-)) SNMP communication

BPC Energy's Frequency Converters are used for converting either 50Hz, 60Hz or 400Hz, utility line power to 50Hz, 60Hz or 400Hz power to run your mission critical equipment. All BPC Energy solid state Frequency Converters use IGBT technology and are designed for continuous operation.

INPUT	
Voltage	220 / 230 – single phase – 380 / 400V 3 phase \pm 15% (other voltages available)
Frequency	50Hz / 60Hz / 400Hz (\pm 5%)
OUTPUT	
Power (kVA)	5kVA to 300kVA 50Hz / 60Hz / 400Hz
Voltage	120/208V 60/400V – 230/400V 50/60Hz (other voltage ranges available)
Voltage Regulation	+1% (balance load) +2% (unbalanced load)
Frequency	50 Hz / 60 Hz / 400 Hz
Frequency Stability	+0,2 Hz (free running)
Efficiency	85% - 90%
Protections	Short circuit protection, overload protection, output voltage out of tolerance protection
Voltage Protection	AC voltage low and high protection
Output Waveform	Sinusoidal (THD <3% for linear load)
Output Power Factor	0.7 (single phase) – 0.8 (three phase)

*Depending on power and input/output conditions

Advanced Power Conversion Solutions

The BPC Group

BPC is an international company operating for 20 years globally, with partners and distributors located around the world.

These regions include:

EUROPE

UK, France, Germany, Gibraltar, Ireland, Netherlands, Malta, Norway, Portugal.

MIDDLE EAST

Bahrain, Jordan, Kuwait, KSA, Lebanon, Oman, Qatar, UAE, Yemen.

AFRICA

Burkina Faso, Democratic Republic of the Congo, Egypt, Ethiopia, Kenya, Ghana, Libya, Nigeria, Rwanda, Sierra Leone, Sudan, Tanzania, Uganda, Zambia.

FAR EAST & ASIA

India, Pakistan, Sri Lanka.

To ensure a high level of pre and post-sales support is offered, BPC work closely with distributors, providing key commercial and technical training whilst providing competitive costing structures tailored to specific region markets, ensuring the most suitable BPC products are offered. We pride ourselves on long standing relationships with our partners which is reflected in the ongoing support provided locally.



The British Power Conversion Company

Authorised Distributor