



Single to three- phase converter **Booster™ E**

The **Booster™ E** converts single-phase power to three-phase power.

The single phase input can be for 230V, 400V or 460V.
The output is 400V three-phase, pure sine wave.
The phases angles are 120 degrees.

A **Booster™** senses starting motors.
It produces boost currents of up to 300% of maximum power to accelerate motors to full speed in the shortest possible time. Motors start fast.

A **Booster™** rides through blackouts, brownouts, power surges, fast transients, momentary short-circuits and line disturbances as no other product.
The rigid self-protected digital SCR controller guarantees a long life.
The German bearings inside the internal generator motor do not require service.
Soft motor mounts and optimized air flow reduce the noise to a minimum.



A **Booster™** has no switches, no controls. Just connector terminal for input and output.
An electrician accomplishes the strait forward installation without the need for special equipment.
Installation instructions explain the size of a wall switch-socket combination near the **Booster™** and the fuse required in the house's distribution box.
They explain how to connect machines and how to connect their internal control circuitry.

Booster™ E versions are 2.2kW, 3kW, 4kW or 8kW.

Phase voltages are not perfectly balanced as this is not required for use with three-phase motors.
(Only the **Booster™ T** produces balanced voltages for inverters, VFDs, CNC or welders).

A **Booster™ E** can supply power to several machines and motors at the same time.
It can supply 100% maximum three-phase power for an unlimited period of time.

The free part replacement warranty is five years.

Typical applications for a **Booster™ E** are:

Woodworking:

Saw, spindle moulder, planer, thicknesser, belt sander, band saw, mortiser, combination machine, wood turning lathe, router, borer, edge bander, dust extractor...

Metalworking:

Lathe, drill press, milling machine, grinder, saw, polisher, shaper, punch, shear, post lift, pump, compressor...

Farming:

Irrigation systems, submersible-, surface- or vacuum pumps, chillers, refrigeration systems, crane, hoist, wine press, conveyor, grain mill.

