



Single to three- phase converter Booster™ E

A Booster™ E converts single-phase power to three-phase power.

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

It boosts output currents to accelerate motors to full speed in a short time. Motors start fast.

A Booster™ rides through blackouts, brownouts, power surges, fast transients, short-circuits and line disturbances.

The digital solid-state SCR controller guarantees an unlimited

The German bearings inside the internal generator motor do not require service.
Soft motor mounts and optimised air flow keeps noise levels at a minimum.

A Booster™ has no switches, no controls. Just connector blocks for input and output.

Installation instructions for electricians explain which switched wall outlet to install and the motor-rated fuse required in the house distribution box.
They also explain how to correctly connect machines.

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

A Booster™ E can supply power to several machines and motors at the same time.
It produces full power continuously.
The overload capacity is 300% for five seconds.
Efficiency is 95%.

A Booster™ E is best for applications such as

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.

