



Single to three- phase converter Booster™ E

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

The single phase input is 240V.
415V two- and 480V split-phase supply is included.

The output voltage is 415V three-phase, pure sine wave.
The symmetry is not controlled as with a Booster C or T.
The imbalance is up to + - 9%.

This is acceptable for motors under medium load but not with VFDs or inverters or CNC machines or welders.

Booster converters sense starting motors and momentarily boost the output power up to 500% to accelerate even large motors fast.

A Booster™ rides through blackouts, brownouts, power surges, fast transients, short-circuits and line disturbances as no other product. The digital power electronics guarantees a long service life.

Bearings in the generator motor are greased for life and do not require service.
Soft motor mounts and an optimised air flow keep noise levels low.

There are connector blocks for input and output cables but no switches and no plugs or sockets.
Installation instructions for electricians explain what kind of wall outlet to install and which motor-rated fuse or circuit breaker to use in the house distribution box.
They also explain how to connect to machines.

Booster™ E are for 3kW, 4kW, 6kW and 8kW.

A Booster™ E can power several machines and motors simultaneously.
The duty cycle is 100%: It can produce full power continuously.

The overload capacity is 150% for 5 minutes, the efficiency is 95%.
Machines with internal heaters: Please contact us first before connecting.

Woodworking:

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

Metalworking:

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

Farming:

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

Dimensions are w 410 x l 800 x h 370 mm.
Weight: 70kg to 95kg.

