



## Single to three-phase converter **Booster™ T**

The Booster T converts single-phase to three-phase power.

Single phase input voltage is usually 230V but could optionally be 400V two-phase- or 460V split-phase.

The output voltage is 400V three-phase, pure sine wave. In Australia these voltages are called 240, 415 and 480V.

A Booster senses starting load motors in machines. It produces boost currents to accelerate starting motors.

The rigid and digital SCR controller guarantees longevity.

The bearings in the internal generator motor are service free. Soft motor mounts and reduced internal air flow keep noise levels low.

There are no contacts in a Booster. Advanced power electronics with digitally controlled thyristors offer a practically unlimited life expectancy.

Boosters ride through blackouts, brownouts, power surges, fast transients, momentary short-circuits and line disturbances as no other product.

Output voltages are balanced for CNC; the duty cycle is 100% for continuous maximum power. It can safely power many three-phase applications such as CNC machines, inverters, welders, plasma cutters, variable frequency drives, VSDs and all hard working machines with motors.

The unit is rugged, reliable and efficient. Long life expectancy is guaranteed.

There are terminal connector blocks for input and output. No switch, no fuse inside a Booster converter: connect it as a transformer. Installation instructions for electricians explain the switched wall outlet needed and the fuse in the house distribution box. Phone support is available.

The version Booster T is available in sizes 4, 8, 16, 32 and 40kW.

4kW and 8kW are single units; larger converters are multiple interconnected units of 8kW each.

A Booster T is ideal for applications such as

### Woodworking

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

### Metalworking

Lathe, CNC machine, drill, folder, bender, milling machine, grinder, saw, polisher, shaper, punch, shear, hydraulic folder, guillotine, press, welder, post lift, hoist, pump, compressor, plasma cutter. A Booster™ T8 can power a welder up to 300A output, a Booster™ T16 up to 600A.

### Farming

Irrigation systems, submersible- or surface pumps, chillers, air conditioning, compressor, refrigeration, effluent pumps, conveyor, crane, hoist, wine press, grain mill.

