Single to three-phase converter Booster™ C

A Booster C converts single-phase to three-phase power.

The single phase input voltage is 240V.
The output voltage is 3x 415V pure sine wave.

The output voltage symmetry is electronically controlled
and continuously adjusted in two steps for use with motors,
welders, plasma cutters and similar.
The + - 6% output voltage symmetry is in the midrange.

Booster converters sense starting motors, they boost the
output power to 400% to accelerate even large motors fast.

The rigid digital power electronics is made for longevity.
Bearings in the generator motor are service free for life.
Soft motor mounts and reduced air flow keeps noise levels low.
The duty cycle is 100% for maximum continuous output.

A Booster™ C rides through line disturbances as no other product.
The digital power electronics guarantees practically unlimited service life.

There are connector blocks for input and output cables behind latches; there are no switches and no plugs or sockets.
Installation instructions explain which switched 230V single phase (or or 400V two-phase) wall outlet to install and which overload circuit breaker to use in the house distribution box.
They explain how to connect the converter to 400V three-phase outlets and to machines.

For woodworking:

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

For metal working:

Lathe, drill, folder, bender, milling machine, grinder, saw, polisher, shaper, punch, shear, hydraulic folder, guillotine, press, welder, post lift, hoist, pump, compressor.
A Booster™ C8 can power a welder with an output current of up to 300A.

For farming:

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

Booster converter dimensions are w 410 x l 800 x h 370 mm.
Weight is from 75 to 95 kg.