

Single to three-phase converter Booster™ T

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

The single phase input voltage is 240V. Booster T can be connected to 480V split phase or 415V two-phase supply.

The output voltage is 3x 415V pure sine wave.
The output voltage symmetry is digitally controlled and continuously adjusted in eight fine steps for use with sensitive equipment such as CNC machines, inverters, VFDs, welders, air conditioning, plasma cutters and all machines with motors.
The output voltage symmetry is better + - 4%.



Booster converters sense starting motors, they boost the output power to 500% to accelerate all motors fast.

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

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 practically unlimited service life.

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 switched wall outlet to install and which motor-rated fuse or circuit breaker to use in the house distribution box. They also explain in detail how to connect machines.

Booster T sizes are 8, 12, 16, 24 and 32kW. Up to 8kW are single units, larger versions are multiple units of 8kW each. Vertical frames for easy stacking are available on request.

Woodworking:

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

Metal working:

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 with a 300A output, a Booster™ T12 can go up to 450A.

Farming:

Irrigation systems, submersible- or surface pumps, 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.
The weight is 95kg per 8kW unit.

