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Converter Module MT

Modules MT utilise robust thyristor technology to convert single to three-phase power. Output voltages are 400V between phases, pure sine-wave and balanced. Phase angles are standard 120 degrees.

Module dimensions are 250mm high x 150mm wide x 135mm deep.

Two other items are required to build a single to three-phase converter:

A 2-pole idler motor.

A single-phase autotransformer for any available supply voltage to 400V.



Balanced voltages are required for VFD, welders, CNC, plasma cutters, air conditioners and other sensitive three-phase loads.

Instant boost currents are generated each time a motor starts. Motors accelerate fast. Machines and motors produce full speed, full torque and full power. No modification is required inside a machine.

Modules ride through brownouts, power surges, transients, line disturbances. No contacts or moving parts are used inside. Life time expectancy is unlimited.

Modules do not produce harmonics, disturbances or magnetic radiation. Installation is simple and straightforward and is accomplished by an electrician in minutes.

	Transformer throughput	2-pole idler motor
MT4	4.5kVA	3.7kW
MT8	9.0kVA	7.5kW
MT12	14kVA	11kW
MT16	19kVA	15kW
MT24/2	27kVA	2x 11kW

