Sydney: (02) 9890 9111
Brisbane: (07) 3715 2200
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Product Brochure For E153

Phase Change Converter - 240V into 415V - PC6

Run 6kW / 7.5hp, 415V Motor Machines from 240V Power Supply
True 3 Phase 415V Output

Ex GST	Inc GST
$9,800.00	$10,780.00



ORDER CODE:	E153
MODEL:	PC6
Total Output (kW / hp):	6 / 7.5
240V Input Power Required (Amp):	30 - Hardwired
480V Input:	Yes
415V / 10A Outlet - 5 Pin:	Option
Auto Hard Start & Boost:	Yes
Multi Motor & Electronic Loads:	Yes
Nine Stage Voltage Control & Boost:	Yes
Max. Starting & Running Load (kW / hp):	6 / 7.5
Pilot Motor Position (Type):	Internal
Supply Circuit Breaker Fuse Current @ 240V / 480V (Amp):	30 / 15
Enclosure Dimensions l x W x h (mm):	685 x 360 x 840
Weight (kg):	150

PHASE CHANGE CONVERTERS
Australian Built
1 YEAR WARRANTY
NO PLUG 240V

Description

The Phase-Changer Converter Range

All Phase-Changer converters have the "heart" of our new micro-control technology mixed in with the proven rotary converter principle. This unique formula greatly improves real world performance and reliability, when compared to most other converter technologies.

At the small end of the Phase-Changer range, the 2.2KW and 3KW converters are offered as a "plug-in to socket-out" design, meaning you simply plug the converter in to a standard 10A or 15A single phase outlet, and you get 3 phase 415V immediately on the 3 phase outlet that you can plug your machine in to. It's as simple as that!

For converters to 4KW, you also have the choice of the full multistage control or an alternative lower cost single stage control. The single stage Phase-Changer (Phase-Changer S) still provides hard start capability, but does not have the automatic voltage trimming stages, that the multi-stage unit has.
This is still good in many applications; typically single motor loads where voltage symmetry may be less important.

All converters from 4KW upwards require hardwiring to a power board fitted with the correctly sized circuit breakers or fuses. A comprehensive installation guide is included with your Phase-Changer.

Suitable for ANY 3 Phase Application with models from 2.2 to 37KW (3HP to 50HP) standard, ideal for multi-load applications.

Features

- Australian Designed & Made - Backed by local support and a 3-year warranty.
- Advanced Microprocessor Technology - Custom designed in Australia for global markets.
- 9-Stage Automatic Voltage & Balance Control – Maintains stable output voltage across a wide load range.
- Solid-State Capacitor Switching – High-power industrial thyristors provide reliable switching with minimal maintenance requirements.
- Highly Reliable Performance – Designed for long-term operation and dependable service.
- True 3-Phase 415V Output – Provides three-phase power from a suitable single-phase supply.
- High Energy Efficiency – Up to 95% efficiency.
- Automatic Hard Start & Boost – Helps start demanding loads.
- Delayed Output / Load Contactor – Standard feature for controlled load connection.
- Improved Power Quality – Helps ride through short-term voltage spikes and sags.
- Power Factor Correction – Helps balance the incoming supply power factor.
- Low-Maintenance Design – Built for years of reliable operation with minimal servicing.
- Energy-Efficient Operation – Designed to minimise additional electricity costs.
  Cost-Effective Alternative – Avoids the potentially high cost of installing a dedicated three-phase utility connection.

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Optional Accessories

- 15 amp / 415V outlet

Specific Features



Rear View Shown with Optional 415V Outlet



Optional 415V Outlet