

MANNINGS TRANSFORMER POWER UNIT 6 CHANNEL

Choice of 6-channel versions makes these units ideally suited for pre- and post-weld heat treatment of pipework and vessels.

Housed in a wheeled Zintec steel cabinet, each unit is mobile, well balanced, and finished in blue.

These units provide a 65 V supply for powering various types of low-voltage heating elements. The output channels are controlled by energy regulators and temperature controllers. Provision is also made for external control from any suitable programmer via a panel-mounted control plug.

Each channel has its own auto/manual switch, allowing any combination of channels to be operated in either automatic or manual mode.

The units are protected against overcurrent and overtemperature conditions

Features:

- Fitted as standard with temperature controllers and energy regulators
- Suitable for use with 60V heaters
- Temperature controllers can be set to operate in °C or °F
- Displays both set point and workpiece temperature
- Neon indicators show power on for each output channel
- Individual selector switches on each channel allow internal or external temperature control
- Multi-pin output connection for use with an external programmer
- Safety plugs fitted as standard to all 65V outputs
- Core winding thermostats provide automatic protection against transformer coil overheating
- Primary overcurrent protection provided by a 3-phase circuit breaker



TRANSFORMER CORE

- 3-phase, forced air cooled, Class 'H', 50 or 65kV
- Primary winding connected in Delta
- Secondary winding connected in Star

PRIMARY SUPPLY

- Primary voltage: 380V, 415V, 440V
- Frequency: 50/60Hz

MAINS CONNECTION

- The units are complete with 4m of four core primary cable

CASE & MOBILITY

- Case: Robust sheet steel case complete with fitted two of fixed and two of swivel/braked 150mm rubber wheels
- Lifting Method: Forklift under base

PROTECTION

- Three phase circuit breakers with shunt trip
- Three primary core winding over temperature thermostats thermal trips linked to circuit breaker shunt trip

OUTPUTS

- Output: 65V
- Temperature controlled output channels
- Auxiliary outputs: Two 110V, centre tapped @ 5A, output sockets

CONTROL

- 110V Energy Regulators
- Multi-pin Bulgin socket for remote programmer
- Mode Selection: Auto / Manual switches
- Indicators: 110V neon channel indicators
- 110V Temperature Controllers