

# Specification PYT Series



## Key Features

- Form, fit and function replacement for Powerflex P350 and P500 range
- Configurable for isolated or non-isolated outputs.
- Dual output option available
- Signals package as per original Powerflex range.
- Complete transparency to end user

## Specifications

### Input specification

Input voltage Range	90V-264VAC
Frequency	47 to 63Hz.
Inrush current	40A AC max.
Operating Current	7.7A AC max.
Efficiency	Typically 75% at full load.
Power factor	0.99 typical. Meets EN61000-3-2.
EMI-filter standard	CISPR 22, EN55022 "A".
Radiated EMI	CISPR 22, EN55022 "A".
Holdup time	28ms min (at 350W load).
Harmonic Distortion	Meets EN61000-3-2.
Isolation	Meets EN60950.

### Output specification

Overall regulation	Less than 0.5%
Ripple pk-pk	Main output: 75mV max. Aux output: <1.5% or 75mV whichever is greater.
Current limit	105-125% of rated output current
Protection	Protected for continuous short circuit
Overvoltage protection	120-130% typical.
Thermal protection	All outputs disabled when internal temp exceeds safe operating range.
Remote sense	Remote sense on main output.
Minimum load	Not required

### General

Cooling	Forced air cooled (internal fan)
Operating temperature	0°C to 50°C. For 50° to 65°C, de-rate each output at 2.5% per °C
Weight	3kg typ.

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## Mechanical Outline

