

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

