



## FLAIR CPC-600 Series Digital Thyristor Power Regulator



Flair CPC-600 Series  
Digital Thyristor Power Control  
is a perfect design for  
precise control and energy efficiency.  
Made for Industrial Application  
with numerous features.

# FLAIR CPC-600 Series Digital Thyristor Power Regulator

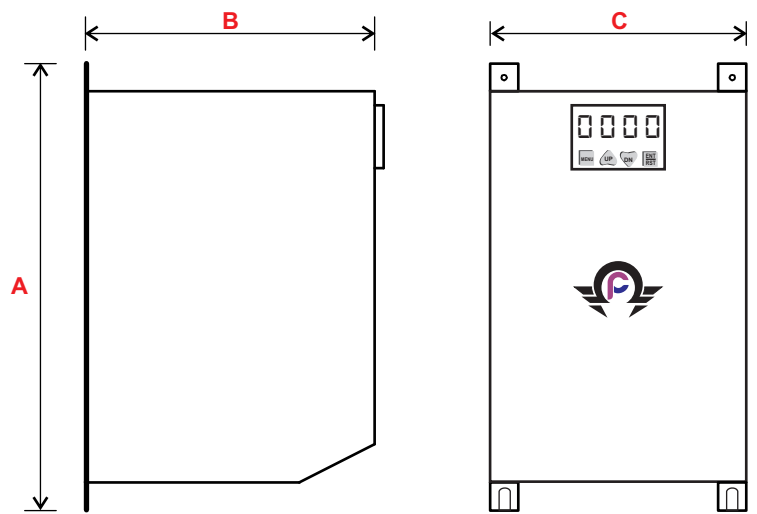
## Features:

- Flair CPC 600 series Thyristor Controller is available in two variants
  - ✓ Flair CPC 600-1 (Phase Angle)
  - ✓ Flair CPC 600-2 (Combination)
- Built with World Approved SEMICRON Germany Make Thyristor Modules.
- Design is tested & approved for EMC test conducted by Govt. Approved Labs.
- Soft start Facility.
- Built in Semiconductor Fuses.
- Built in forced cooling system.
- User Friendly Human Interference Touch Pad with Screen for parameter setting & status display.
- Facility for adjustable Over current Trip.
- Run relay is provided to acknowledge at remote, Thyristor is in run mode.
- In normal operation, Display will show "input %" & if display shows "ENB" means Thyristor is not enable.
- Heat Sink equipped with Thermostat. In the case of over temperature, display screen will show "THE"
- Auto / Manual Facility available.
- Two Analogue Input (For signal & POT), Two numbers of each Digital Input (DI) & Digital Outputs (DO) are available.
- On site selection of Phase Angle or Burst Firing (Zero Crossover) mode is available for Flair CPC 600-2.

## Specifications:

- Available Range from 9kW to 400kW. (12 amp to 600 amp)
- Suitable for 3 Phase load of 415 V-440V AC & 47Hz to 60Hz Frequency.
- Input 4-20 mAmp & 0-10V DC.
- Auxiliary Supply 230 VAC.50Hz/60Hz (110 VAC also available upon request)

## Overall dimensions in millimeters



Power kW	Width C	Width B	Height A
15-70kW	170	250	410
80-100kW	200	275	410
150kW	260	300	420
250kW	275	355	480
300kW	275	380	480
400kW	530	390	570

**Note** - All dimensions are in mm.

**NOTE** - Phase Angle control is required when load is driven through transformer or special heaters like silicon carbide. However, Burst firing OR Zero Crossover has many advantages like very low harmonic distortion and power factor is always unity.

Manufactured By:

**COURSE POWER AND CONTROLS PUNE**

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