

# PEC / PDC SERIES

DC / DC Converters Single & Multi Output: 5-40 Watts



## Features

- Converts standard PCB modules to Screw Terminal Connections
- Standard input 12V, 24V and 48V DC
- Single, Dual and Triple output options
- Panel mounting case with screw terminals
- Six sided Nickel-Coated Copper shield converter modules
- High operating temperature ...up to 70°C
- Suitable for a wide range of industrial applications
- Provides an off the shelf solution for most combinations

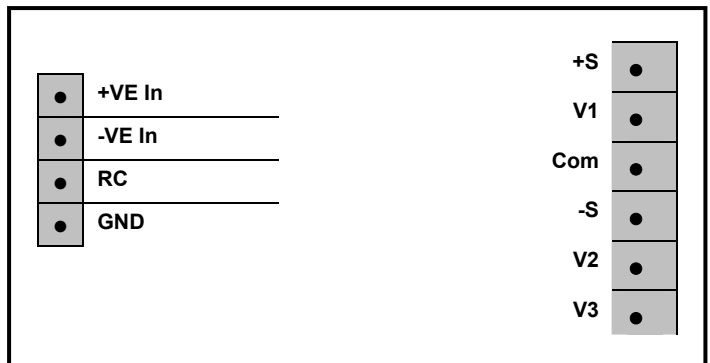
## General Specifications

<b>Input Voltage:</b>	12VDC (9 ~ 18 ) 24VDC (18 ~ 36 ) 48VDC (36 ~ 75 ) Standard 2 : 1 input range
<b>Input Voltage:</b>	24VDC (9 ~ 36 ) 48VDC (18 ~ 75 ) Wide input 4 : 1 input range ( W models )
<b>Output Voltage</b>	Single: 3.3 ~ 24V options Dual: ±5V, ±12V, ±15V options
<b>Voltage Adjustment</b>	Not available on all models, see individual module product specifications.
<b>Output Power</b>	5 ~ 40 Watts
<b>Isolation</b>	Input – Output: 1500VDC
<b>Over Current Protection</b>	YES
<b>Over Voltage Protection</b>	On some models
<b>Operating Temp.</b>	Typically -20°C to +70°C ( model dependant )
<b>Dimensions</b>	125 x 57 x 32mm 200 ~ 250g
<b>Connector</b>	Screw Terminals

## Description

The **PEC / PDC** Series dc/dc converters are designed to convert our standard PCB mounting modules from the tables below, to screw terminal connections, in an assembly that allows easy panel mounting of product. Suitable for a wide range of industrial applications with input options from 12 ~ 75VDC.

The detailed specifications of a particular converter that is used in the **PEC / PDC** assembly, can be found in the **PCB mounting d/dc converter** section of our website



### Connection Notes:

1. FEC-BOARD
2. Remote ON / OFF ( Link = Power ON ) Linked under PCB

Model	Input V	Output V	Power W
FDC05	12V, 24V, 48V	3.3V, 5V, 12V, 15V, 24V ±5V, ±12V, ±15V	5W
FDC05-W	9-36V, 18-75V	3.3V, 5V, 12V, 15V, 24V ±5V, ±12V, ±15V	5W
FDC10	12V, 24V, 48V	3.3V, 5V, 12V, 15V, 24V ±5V, ±12V, ±15V	10W
FDC10-W	9-36V, 18-75V	3.3V, 5V, 12V, 15V, 24V ±5V, ±12V, ±15V	10W
FDC15	9-36V, 18-75V	3.3V, 5V, 12V, 15V, 24V ±5V, ±12V, ±15V	15W
FEC15	12V, 24V, 48V	3.3V, 5V, 12V, 15V, 24V ±5V, ±12V, ±15V	15W
FEC15W	9-36V, 18-75V	3.3V, 5V, 12V, 15V, 24V ±5V, ±12V, ±15V	15W

Model	Input V	Output V	Power W
FDC20	12V, 24V, 48V	3.3V, 5V, 12V, 15V, 24V ±5V, ±12V, ±15V	20W
FED20	12V, 24V, 48V	3.3V, 5V, 12V, 15V, 24V ±5V, ±12V, ±15V	20W
FED20W	9-36V, 18-75V	3.3V, 5V, 12V, 15V, 24V ±5V, ±12V, ±15V	20W
FEC30	12V, 24V, 48V	3.3V, 5V, 12V, 15V, 24V ±5V, ±12V, ±15V	30W
FEC30W	9-36V, 18-75V	3.3V, 5V, 12V, 15V, 24V ±5V, ±12V, ±15V	30W
FEC40	12V, 24V, 48V	3.3V, 5V, 12V, 15V, 24V ±5V, ±12V, ±15V	40W
FEC40W	9-36V, 18-75V	3.3V, 5V, 12V, 15V, 24V ±5V, ±12V, ±15V	40W