



POWER SUPPLY

- AC 100-120 / 200-240V Auto Select Input
- Efficiency up to 91.6%
- Width only 60mm
- 20% Output Power Reserves
- Full Output Power Between -25°C and +60°C
- Minimal Inrush Current Surge
- 3 Year Warranty

1. GENERAL DESCRIPTION

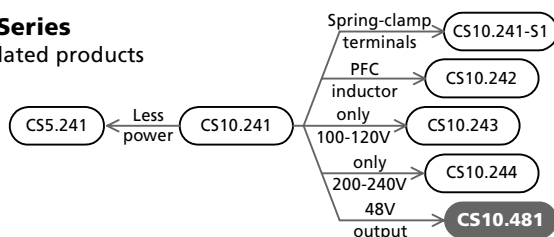
The Dimension C-Series are cost optimized power supplies without compromising quality, reliability and performance. The C-Series is part of the Dimension power supply family, existing alongside the high featured Q-series.

The C series includes all the essential basic functions and the devices have a power reserve of 20%. This extra current may even be used continuously at temperatures up to +45°C. The most important features are the small size, the high efficiency and the wide temperature range.

The Auto-select input makes worldwide installation and usage very simple. Defects or system failures caused by wrongly set switches can not occur.

C-Series

Related products



2. SHORT-FORM DATA

Output voltage	DC 48V	
Adjustment range	48 - 52V	
Output current	5.0 – 4.6A	ambient <60°C
	6.0 – 5.5A	ambient <45°C
Output power	240W	ambient <60°C
	288W	ambient <45°C
Output ripple	< 100mVpp	20Hz to 20MHz
Input voltage	AC 100-120 / 200-240V	Auto-select Input
	Mains frequency	50-60Hz ±6%
AC Input current	typ. 3.73 / 2.23A	at 120 / 230Vac
Power factor	typ. 0.59 / 0.51	at 120 / 230Vac
AC Inrush current	typ. 3A peak	
DC Input	not allowed	
Efficiency	typ. 91.0 / 91.6%	at 120 / 230Vac
Losses	typ. 23.7 / 22.0W	at 120 / 230Vac
Temperature range	-25°C to +70°C	operational
Derating	6W/°C	+60 to +70°C
Hold-up time	typ. 46 / 47ms	at 120 / 230Vac
Dimensions	60x124x117mm	WxHxD

3. ORDER NUMBERS

Power Supply **CS10.481** Standard unit, 48Vdc

Accessory ZM1.WALL Wall mount bracket
 ZM13.SIDE Side mount bracket
 YRM2.DIODE Redundancy module

4. MARKINGS

