



DC-DC Power Converter Box

PSU-12412

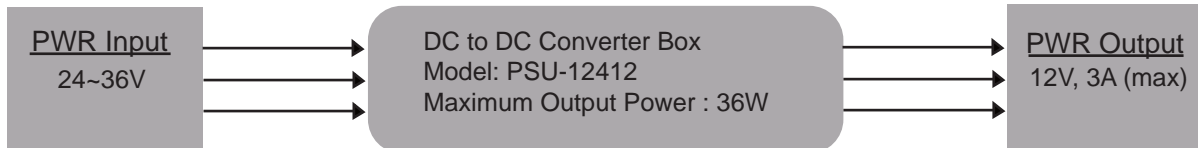


Features

- High efficiency DC-DC Converter
- Output +12VDC and handle maximum 3A load
- 2 pole detachable screw terminal for connecting +24VDC input
- RoHS Compliant

General

Applicable to general mainboard with 24V DC input



General Specification

Characteristic	Range
Input Voltage	24V to 36V DC
Load Range	12V, 3 A
Ripple And Noise	Less than 120 mV
Line Regulation	Less than $\pm 1\%$ at rated 24~36V input voltage
Load Regulation	Less than $\pm 1\%$
Efficiency	Up to 85%
Operating Temp.	0 ~ +50 °C
Storage Temp.	-20 ~ +70 °C
Humidity	10 ~ 90% non-condensing
Dimension	120 x 62 x 23 (mm)

Pin Assignment

DC Input

Connector Type: Terminal Block EC381V-02P

Pin	Symbol
1	DC 24 Input
2	GND

DC Output

Connector Type: Terminal Block EC381V-02P

Pin	Symbol
1	DC 12 Output
2	GND

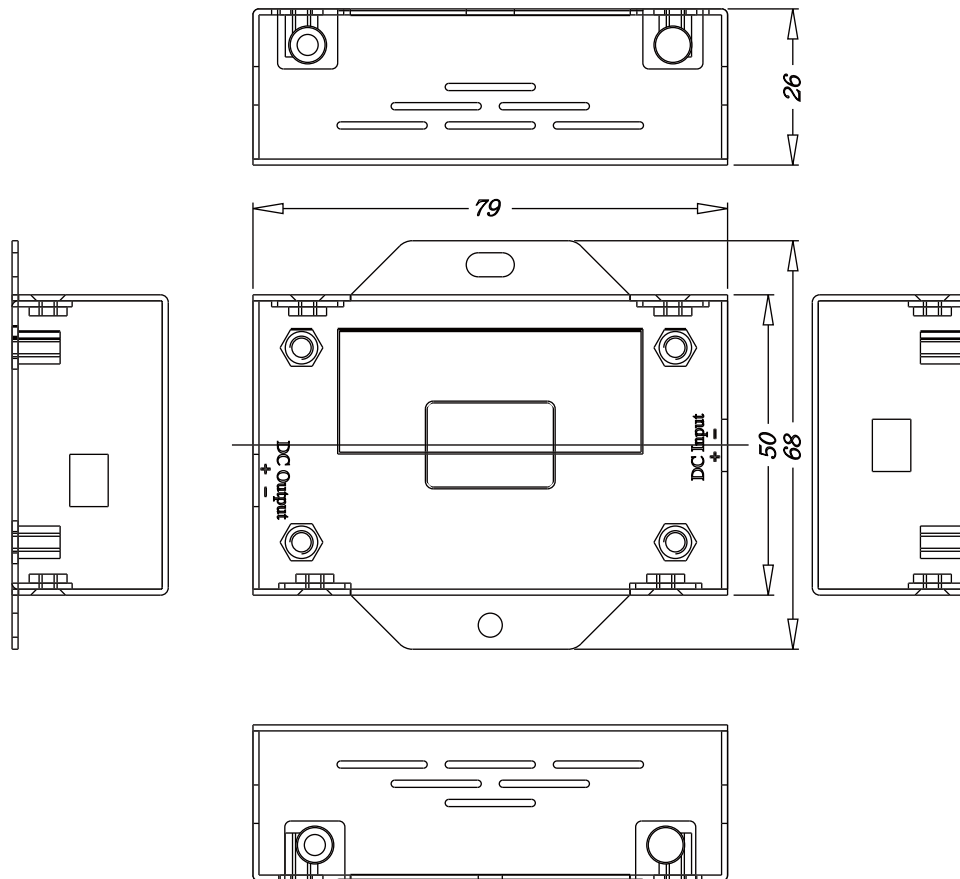
Spectrah Dynamics, Inc.

Tel: 886-2-86472026 | Fax: 886-2-86472201 | E-mail: spec_info@spectrah.com
Add: 5F-2, No. 188, Sec #3, Ta-tung Road, Hsi-Chi, Taipei Hsien 221, Taiwan.

www.spectrah.com

PSU-12412

Mechanical



Application

- Industrial Control System
- Telecom / Datacom system
- Distributed power architecture related application
- Suitable for security system access control system
- Central monitoring system

Spectrah Dynamics, Inc.

Tel: 886-2-86472026 | Fax: 886-2-86472201 | E-mail: spec_info@spectrah.com
Add: 5F-2, No. 188, Sec #3, Ta-tung Road, Hsi-Chi, Taipei Hsien 221, Taiwan.

www.spectrah.com