



MSTronic Co., Ltd.

2F, 12, Gongshang Rd., Wugu District, New Taipei City, 248 Taiwan

TEL:886-2-2293-0159 FAX:886-2-2292-8851

E.MAIL: mse@mse.com.tw

WEB: <http://www.mse.com.tw>

MSC-245605

DC/DC Converter

SPECIFICATION

1. INPUT :

1.1 Input Voltage: DC18V to DC36V NORMAL=24V

1.2 Input Current : 16.5A @ 18Vin Full Load
7.95A @ 36Vin Full Load

2. OUTPUT :

2.1 Output Voltage & Current:

OUTPUT	+56V
Max. load	4.46A
Power	250W Max
Min. Load	0.1A
Load reg. %	5%
Line reg. %	1%
Ripple %	2%
Noise %	5%

TOTAL POWER :250W

3. EFFICIENCY : 83% min at input 18 ~ 36V F.L

4. PROTECTION

4.1 Short Circuit Protection

output Short GND Terminal will not damage the Power Supply and will Auto-Reset. Mode is current limits : 125% ~ 130%

4.2 Input with Fuse Protection. at P.C.B

4.3 Input Reverse will not damage the Power Supply PWR just Turn---off

4.4 Input Over low Voltage Protection point : 15.5V ~ 16V PWR Turn---off

4.5 Output Over Voltage Protection : 57V ~ 58V PWR Turn---off.

4.6 Isolation Voltage: 1500Vdc



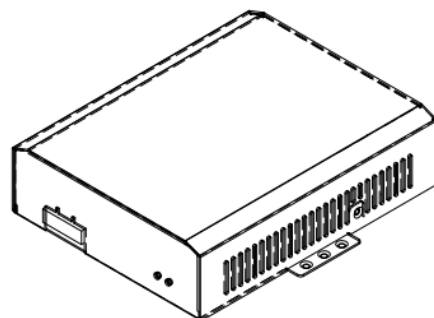
MSTronic Co., Ltd.

2F, 12, Gongshang Rd., Wugu District, New Taipei City, 248 Taiwan

TEL:886-2-2293-0159 FAX:886-2-2292-8851

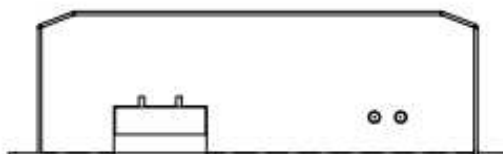
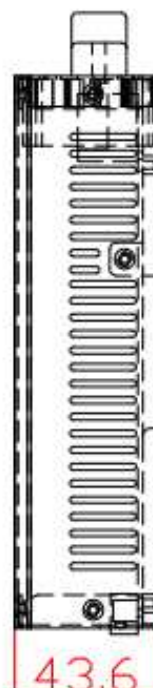
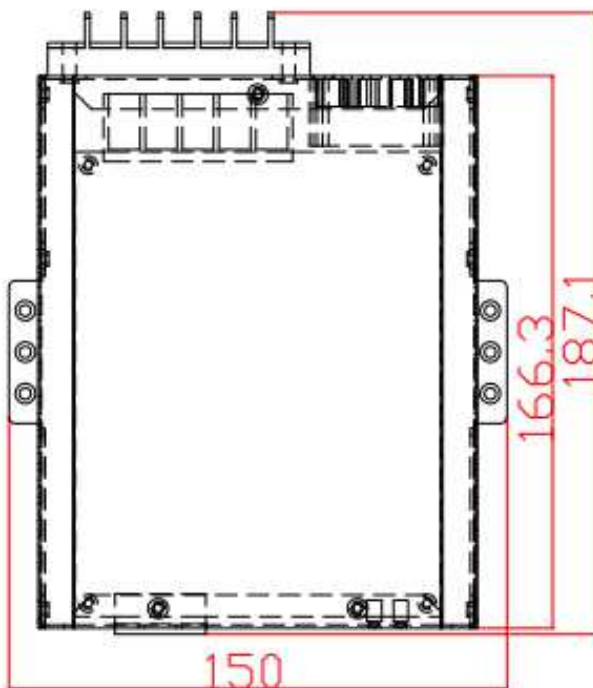
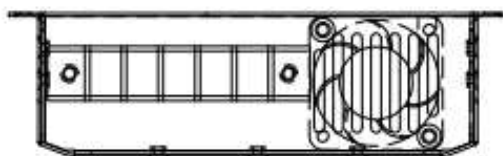
E.MAIL: mse@mse.com.tw

WEB: <http://www.mse.com.tw>



5. GENERAL DESCRIPTION

- 5.1 Operation Temperature: -25 - +70 Degree
- 5.2 Storage Temperature: -40 - +85 Degree
- 5.3 Operation Humidity: 5% - 90%
- 5.4 Cooling: Fan cooling
- 5.5 SIZE : 150x 187.1x 43.6(L*D*H)m/m





MSTronic Co., Ltd.

2F, 12, Gongshang Rd., Wugu District, New Taipei City, 248 Taiwan

TEL:886-2-2293-0159 FAX:886-2-2292-8851

E.MAIL: mse@mse.com.tw

WEB: <http://www.mse.com.tw>

6. CONNECTORS :

6.1 (1)Input : HD-335 5P (P1)

1	2	3	4	5
VIN1+	VIN2+	VIN-	VIN-	FG

(2)Output : HD-515RC (P2)

1	2	3	4	5
$\oplus$ VOUT	$\oplus$ VOUT	$\ominus$ VOUT	$\ominus$ VOUT	FG

7. Indicator

7.1 Output OK, the LED “GREEN”

7.2 Input OK, the LED “GREEN”