



MSTronic Co., Ltd.

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MSC-485605

DC/DC Converter

SPECIFICATION

1. INPUT :

1.1 Input Voltage: DC40V to DC70V NORMAL=48V

1.2 Input Current : 6.9A @ 40Vin 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 40 ~ 70V 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 : V ~V PWR Turn---off

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

4.6 Isolation Voltage : 1500Vdc



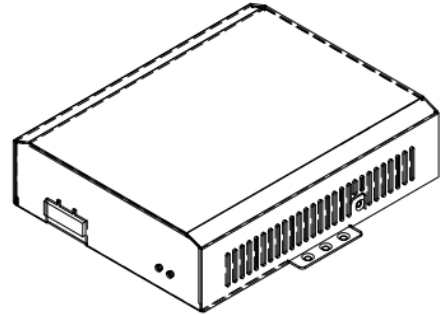
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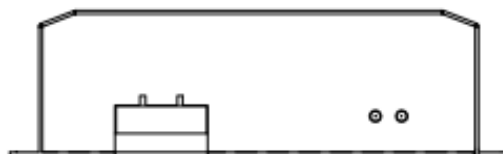
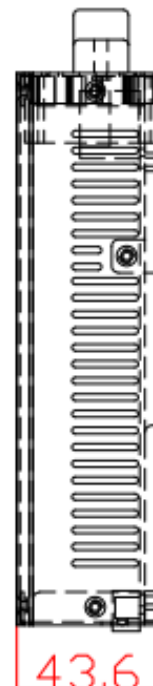
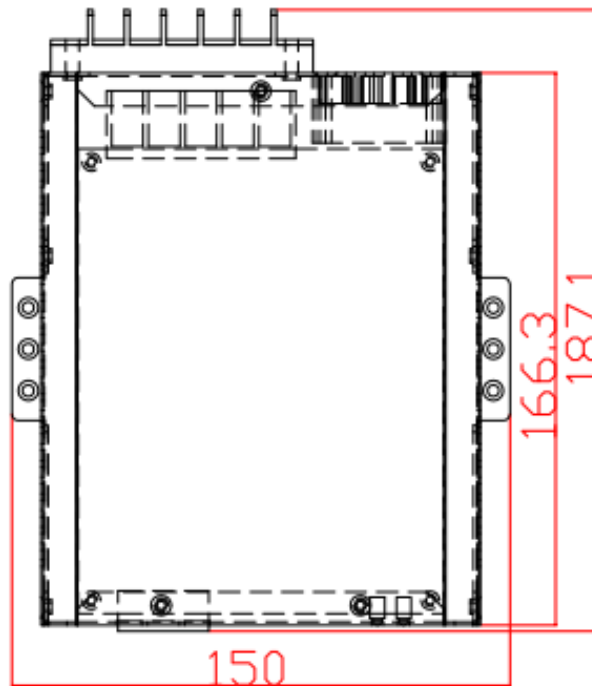
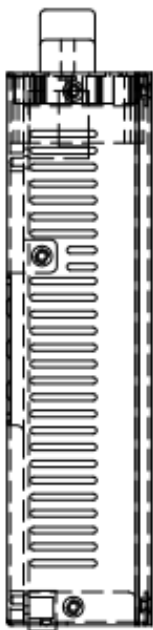
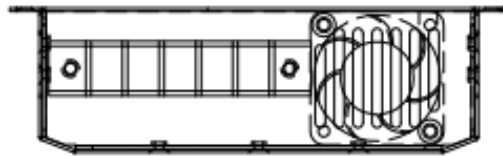
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5. GENERAL DESCRIPTION

- 5.1 Operation Temperature: -25 - +50 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





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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”



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