



MSTronic Co., Ltd.

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SPECIFICATION

MSC-482403A

DC/DC Converter

1. INPUT :

- 1.1 Input Voltage: DC36V to DC72V NORMAL= 48V
- 1.2 Input Current:
 - 1.85A at 36Vdc @ FULL
 - 1.38A at 48Vdc @ FULL
 - 0.92A at 72Vdc @ FULL

2. OUTPUT :

2.1 Output Voltage & Current & Waveform :

OUTPUT	24VDC
Max. load	3.0A
Power	72W Max
Min. Load(2)	0.1A
Load reg. %	5%
Line reg. %	1%

TOTAL POWER : 72W

3. EFFICIENCY : 85% min @36V ~ 72Vin dc

4. PROTECTION

4.1 Short Circuit Protection

output Short GND Terminal will not damage the Power Supply and will Auto-Reset.

Over Load Protection is OFF-Power , auto-recovery.

4.2 Operation Switch frequency is 66KHZ

4.3 Isolation Voltage : 1500Vdc

4.4 Isolation Resistance :100M ohms (min)

4.5 Input is OR-Diode

4.6 Maximum Load : 120% ~ 140% over load

4.7 Over Voltage Protection : 27V ~ 30V @Will Turn OFF



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5. GENERAL DESCRIPTION

- 5.1 Operation Temperature: -40 - +70 Degree
- 5.2 Storage Temperature: -40 - +85 Degree
- 5.3 Operation Humidity: 5% - 90% 45 Degree
- 5.4 Cooling: Free air cooling
- 5.5 SIZE : 133*75*38 (L*W*H)m/m

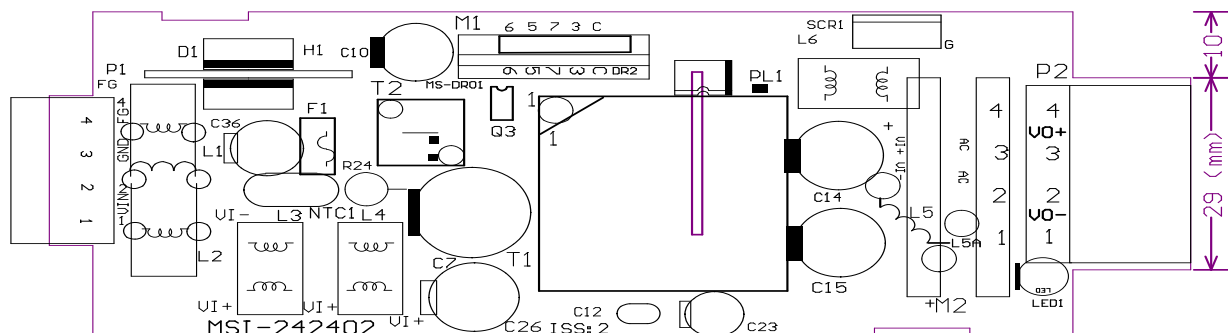
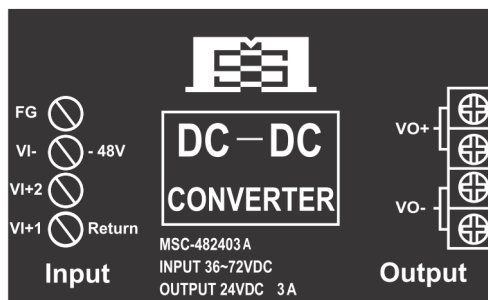
6. CONNECTION:

6.1 INPUT : HD-515R8C *4P(P1)

6.2 OUTPUT : HD-614 *4P

Note :

1. the model is isolated design, the output +/- or input +/- can be shorted to ground (FG).





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