



MSTronic Co., Ltd.

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MIT-63G-2T60 **802.3at PoE Injector**

SPECIFICATION

1. INPUT :

- 1.1 Input Voltage: 40Vdc to 57Vdc Normal = 48V
- 1.2 Input Current: 1.07A at 56Vdc @ 802.3at *2 INPUT

2. OUTPUT :

2.1 Output Voltage & Current:

OUTPUT	56V
Max. load	1.07A
Power	60W
Min. Load	0A
Load reg. %	5%
Line reg. %	1%
Ripple %	1%
Noise %	1%

TOTAL POWER : 60W

Note : if the two inputs come from same PoE switch, or the input voltages are the same, then the output may up to 60W, if the two inputs come from different PSE, then only the higher voltage input power the model, then the output only 0.625A maximum.

3. Input Polarity Reverse protection: both mode A (1,2/3,6) or mode B (4,5/7,8) all work.

4. GENERAL DESCRIPTION

- 4.1 Operation Temperature: -25 - +50 Degree
- 4.2 Storage Temperature: -40 - +85 Degree
- 4.3 Operation Humidity: 5% - 90%
- 4.4 Cooling: Free air cooling
- 4.5 SIZE : 85*78*36 (L*W*H)m/m unit: m/m



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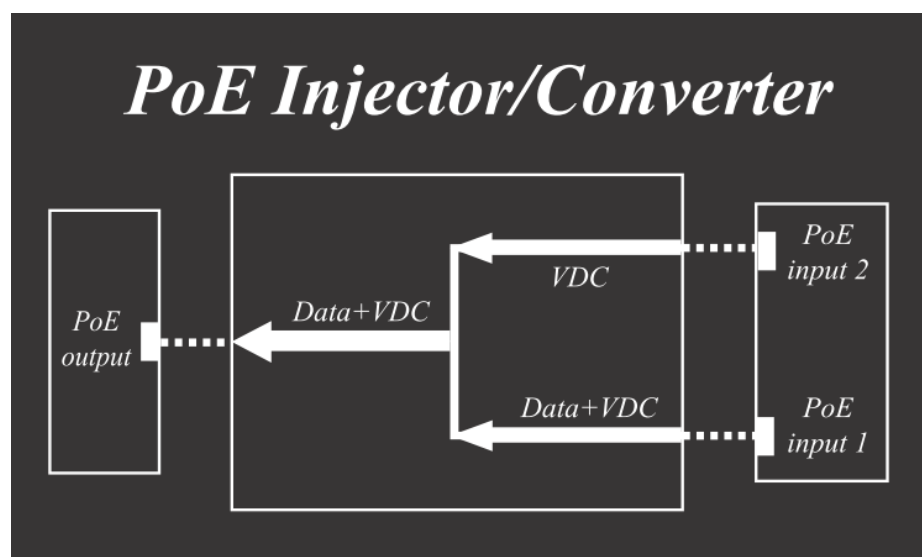
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5. Indicator

5.1 blink RED, only one input available. (**no output**)

5.2 steady GREEN, two inputs available, output delivering.



INPUT data & Power-Connected to DTE (10/100/1000MBPS)

RJ-45 Input 1 (Data & Power)			RJ-45 Input 2 (Power)	
Pin	Symbol	Description	Symbol	Description
1	DA+, Vdc -/+	Data Pair A+, Feeding power -/+	Vdc -/+	Feeding power -/+
2	DA-, Vdc -/+	Data Pair A-, Feeding power -/+	Vdc -/+	Feeding power -/+
3	DB+, Vdc +/-	Data Pair B+, Feeding power +/-	Vdc +/-	Feeding power +/-
4	DC+, Vdc +/-	Data Pair C+, Feeding power +/-	Vdc +/-	Feeding power +/-
5	DC-, Vdc +/-	Data Pair C-, Feeding power +/-	Vdc +/-	Feeding power +/-
6	DB-, Vdc +/-	Data Pair B-, Feeding power +/-	Vdc +/-	Feeding power +/-
7	DD+, Vdc -/+	Data Pair D+, Feeding power -/+	Vdc -/+	Feeding power -/+
8	DD-, Vdc -/+	Data Pair D-, Feeding power -/+	Vdc -/+	Feeding power -/+



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Power Output & Data -Connected to DTE (10/100/1000MBPS)

RJ-45 (OUT)		
Pin	Symbol	Description
1	DA+, Vdc-	Data Pair A+, Feeding power (-)
2	DA-, Vdc-	Data Pair A-, Feeding power (-)
3	DB+, Vdc+	Data Pair B+, Feeding power (+)
4	DC+, Vdc+	Data Pair C+, Feeding power (+)
5	DC-, Vdc+	Data Pair C-, Feeding power (+)
6	DB-, Vdc+	Data Pair B-, Feeding power (+)
7	DD+, Vdc-	Data Pair D+, Feeding power (-)
8	DD-, Vdc-	Data Pair D-, Feeding power (-)

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

