



MSTronic Co.,Ltd.

2F, 12, Gongshang Rd., Wugu Township, Taipei County, Taiwan

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

E.MAIL: mse@mstronictaiwan.com

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

SPECIFICATION

HK02-24XX

DC to DC Converter

1. INPUT :

1.1 Input Voltage: DC10V to DC32V

2. OUTPUT :

2.1 Output Voltage & Current:

Model	HK02-2405	HK02-2412	HK02-2424
INPUT	10V~32VDC	16V ~32VDC	28V~32VDC
OUTPUT	+5.2V	+12V	+24V
Max. load	3.5A	1.5A	0.75A
Power	18W Max		
Min. Load	0A		
Load reg. %	5%		
Line reg. %	1%		
Ripple %	2%		
Noise %	5%		

3. EFFICIENCY : 80% Min

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

4.2 Input DC reverse protection

4.3 Input have Fuse Protection.

4.4 Operation frequency is 500KHZ

4.5 Over Current Protection : 6 ~ 8A

5. GENERAL DESCRIPTION



MSTronic Co.,Ltd.

2F, 12, Gongshang Rd., Wugu Township, Taipei County, Taiwan

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

E.MAIL: mse@mstronictaiwan.com

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

- 5.1 Operation Temperature: -40 - +45 Degree
- 5.2 Storage Temperature: -40 - +85 Degree
- 5.3 Operation Humidity: 5% - 90%
- 5.4 Cooling: Free air cooling
- 5.5 SIZE : 46*33*24(L*D*H)m/m

6. Connect

※DC PLUG optional: output with 5.5 x 2.1mm DC PLUG. Part number with (-DC).

Standard output based on 300mm input and output cable (UL1007#18AWG)

Vin+ brown ; Vin- blue

Vout+ red ; Vout- black

