

# UK-Declaration of Conformity

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Product: Switching Power Supply for building-in

Type designation: iMP4-abbc-abbc-abbc-abbc-abbc-xx  
iMP4E-abbc-abbc-abbc-abbc-abbc-xx  
(See General Product Information)

This declaration of conformity is issued under the sole responsibility of the manufacturer.

The object of the declaration described above is in conformity with the relevant UK Statutory Instruments:

**A: The Electrical Equipment (Safety) Regulations 2016 (SI 2016 No. 1101)**

as attested by conformity with the following harmonized standard(s):

BS EN 62368-1:2014+A11:2017 Safety of Information Technology Equipment.

**B: The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (SI 2012 No. 3032)**

as attested by conformity with the following harmonized standard(s):

BS EN IEC 63000:2018 Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances.

For and on behalf of

ASTEC INTERNATIONAL LIMITED



Melson Torrijos

Philippines

(Place)

Rev 00: 19 Feb 2021

(Revision Level / Issue Date)

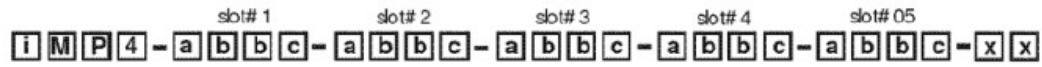
Manager  
Agency Compliance Engineering

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## General Product Information

iMP4-abbc-abbc-abbc-abbc-abbc-xx:

### DC Outputs:



**“a”**

**Module Codes**  
Module/voltage/option codes  
Module Codes:  
(None) = 36 W triple O/P (1 slot)  
1 = 210 W single O/P (1 slot)  
2 = 360 W single O/P (2 slot)  
3 = 750 W single O/P (3 slot)  
5 = 1500 W single O/P (slot 4)  
4 = 144 W dual O/P (1 slot)  
HUP = Extra 30mS hold-up (1 slot)

**“bb”**

**O/P Voltage Code**  
A=2V    N=15V  
B=2.2V    O=18V  
C=3V    P=20V  
D=3.3V    Q=24V  
E=5V    R=28V  
F=5.2V    S=30V  
G=5.5V    T=33V  
H=6V    U=36V  
I=8V    V=42V  
J=10V    W=48V  
K=11V    X=54V  
L=12V    Y=60V  
M=14V    Z=Special

**“c”**

**Option Codes:**  
0 = Standard  
1 = Module enable  
2 = Constant current  
3 = 1 & 2 combined  
4 = Set for use in standard (non-intelligent case)  
5 = Shutdown mode for 1500 W  
6 = 1 & 5 combined  
7-9 Future

**“XX”**

**Case Option Codes**  
First Digit  
0 - 9 = Parallel code

Second Digit  
0 = No options  
1 = Reverse air  
2 = Not used  
3 = Global enable  
4 = Fan Off w/inhibit  
5 = Opt 1 + Opt 3  
6 = Opt 1 + Opt 4  
7 = Opt 3 + Opt 4  
8 = Opt 1 + 3 + 4  
9 = Future

| Case Size  | Module/Voltage/Option Codes<br>First - Module Code<br>Second - Voltage Code<br>Third - Option Code  | Case Option Codes   | Software Code   | Hardware Code   |
|--|---|---|---|---|
| <b>iMPX*</b>   | <b>3L0 - 2E2 - 1Q1 - 4LLO</b>   | <b>00</b>   | <b>A</b>  | <b>###</b>  |
| <p><b>Case Size (mm)</b><br/>4 = 2.5" x 5" x 10"; 750 W-1100 W, 5 Slots (63.5 x 127 x 254)<br/>8 = 2.5" x 7" x 10"; 1000 W-1200 W, 6 Slots (63.5 x 177.8 x 254)<br/>1 = 2.5" x 8" x 11"; 1200 W-1500 W, 7 Slots (63.5 x 203.2 x 279.4)</p> <p>* Note: Add "E" after iMP4 to denote IEC input option, e.g. iMP4E (Not available on iMP8 or iMP1)</p> <p>X - represent 4 or 8 or 1 which Case size</p> | <p><b>Module Codes</b><br/>Module/voltage/option codes<br/>Module codes:<br/>(None) = 36 W triple O/P (1 slot)<br/>1 = 210 W single O/P (1 slot)<br/>2 = 360 W single O/P (2 slot)<br/>3 = 750 W single O/P (3 slot)<br/>4 = 144 W dual O/P (1 slot)<br/>5 = 1500 W single O/P (4 slot)<br/>6 - 9 = future<br/><b>Voltage Codes:</b><br/>See Output Module Voltage/Current table above<br/><b>Option Codes:</b><br/>0 = Standard<br/>1 = Module enable<br/>2 = Constant current<br/>3 = 1 &amp; 2 combined<br/>4 = Set for use in standard (non-intelligent case)<br/>5 = Shutdown mode for 1500W<br/>6 = 1 &amp; 5 combined<br/>7 - 9 = future</p> | <p><b>Case Option Codes</b><br/>First digit<br/>0 - 9 = parallel code (See Parallel Codes table above)<br/>Second digit<br/>0 = No options<br/>1 = Reverse air<br/>3 = Global enable<br/>4 = Fan off w/inhibit*<br/>5 = Opt 1 + Opt 3<br/>6 = Opt 1 + Opt 4<br/>7 = Opt 3 + Opt 4<br/>8 = Opt 1 + 3 + 4<br/>9 = CAN BUS/RS485 73-544-002<br/>B = USB 73-546-002</p> | <p>Software code used for configuration change. "A" is standard</p> | <p>Factory assembled for hardware of firmware mods.</p> |