



## European Union Declaration of Conformity

(in accordance with ISO/IEC 17050-1 and ISO/IEC 17050-2)

This is to certify that the product listed below, which was designed and manufactured by:

### Watlow Electric Manufacturing Company

1241 Bundy Blvd.  
Winona, MN 55987 USA

meets the essential safety requirement of the European Union, when properly installed, maintained and operated in the application for which it was designed. In addition, this is to certify that this product has also been designed and manufactured to ensure compliance with all applicable directives.

A Technical Documentation File is also available for review by competent authorities and will be maintained for a period of ten years after the date on which the product was last manufactured. In addition to this Technical File, one can find design, safety, installation, maintenance, and application related information about this product in the documentation that was shipped with product or on [www.watlow.com](http://www.watlow.com).

This declaration of conformity is issued under the sole responsibility of the manufacturer for the product listed below.

- Product Name:** EZ-ZONE® PM “Panel Mount”  
**Watlow Part Number:** PM (3, 6, 8, 9 or 4)(Any Letter or number)(1, 2, 3 or 4)(A, C, E, F or K) (A, C, H, J or K) – (Any letter or number)(Any letter or number)(A, C, E, F or K)(A, C, H, J or K)(Any three letters or numbers)
- Product Description:** Temperature control, Installation Category II, Pollution degree 2, IP65, IP66 front panel seal.  
**Rated Supply:** 100 to 240 V~ (ac 50/60 Hz) or 15 to 36 V= dc/ 24 V~ac 50/60 Hz  
**Rated Power:** 10 VA maximum PM3, PM6 Models. 14 VA maximum PM8, PM9, PM4 Models

We, as the manufacturer, hereby declare that the products described above are in conformity with the applicable requirements in accordance with the following European Directives:

- Applicable Directives:** 2014/35/EU (Low Voltage “Safety” Directive)  
2014/30/EU (Electromagnetic Compatibility “EMC” Directive)  
2014/53/EU (Radio Equipment Directive “RED”) Specific models only.  
2011/65/EU as amended by EU 2015/863 (RoHS Directives)  
2012/19/EU (WEEE Directive)  
2006/66/EC as amended by 2013/56/EU (Battery Directives) Specific models only.

The object of the declarations described above is in conformity with the relevant Union harmonization legislation:

#### Applicable Standards:

- Safety:** EN 61010-1:2010<sup>1</sup> +A1:2019 Safety Requirements of electrical equipment for measurement, control and laboratory use. Part 1: General requirements
- EMC:** EN 61326-1:2013 Electrical equipment for measurement, control and laboratory use – EMC requirements Industrial Immunity  
EN 55011:2016/A1:2017/A11:2020 Emissions Industrial, Scientific, Medical equipment, Group 1 RF not intentionally generated, Class A<sup>2</sup> Industrial Emissions

Any questions relating to this declaration or the conformity of the product(s) covered by this declaration should be directed, in writing, to either the European or Company Authorized Representative noted on this declaration.

**EMC (Cont'd):** **IEC 61000-4-2:2008** Electrostatic discharge immunity  
**IEC 61000-4-3:2007** +A1/2008, A2/2010 Radiated, radio-frequency electromagnetic field immunity 10V/M 80–1000 MHz, 3 V/M 1.4–2.7 GHz  
**IEC 61000-4-4:2012** Electrical fast-transient / burst immunity  
**IEC 61000-4-5:2014** +A1/2017 Surge immunity  
**IEC 61000-4-6:2013** + Corrigendum 2015 Immunity to conducted disturbances induced by radio-frequency fields  
**IEC 61000-4-11:2020** Voltage dips, short interruptions and voltage variations immunity  
**EN 61000-3-2:2014** Limits for harmonic current emissions for equipment ≤ 16 Amps per phase  
**EN 61000-3-3<sup>3</sup>:2013** Voltage fluctuations and flicker ≤ 16 Amps per phase

**Radio Equipment:** *Models PM6XXXX – (B, E, F, G, H, J, K)XXX(not H, N, P, V)XX where (X = any letter or number allowed above)* Include *Bluetooth®* wireless technology  
 Contains Module FCC ID: VPYLBZY Part 15C 2. IC: 772C-LBZY RSS 210  
 - Japanese Radio Law (日本電波法)  
 Type certification (工事設計認証)



Output Power: Frequency Range 2402.0 - 2480.0 Output Power 0.001 Watts

Antenna gain: -0.6 dBi PC Board antenna, no external connection.

**EN 61010-1:2010 + A1 2019** Safety Requirements of electrical equipment for measurement, control and laboratory use. Part 1: General requirements Covering the essential requirements of article 3.1(a) or Directive 2014/53/EU

**EN 301 489-1 V2.1.1** EMC standard for radio equipment and services; Part 1: Common technical requirements; Harmonized Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU and the essential requirements of article 6 of Directive 2014/30/EU

**EN 301 489-17 V3.1.1** EMC standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission Systems; Harmonized Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU

**EN 300 328 V1.9.1 + EN 300 328 V2.2.2** EMC and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive. NVLAP Test Report 10928545H-A + receiver blocking test.

**Battery:** Models PM(4, 8 or 9)E contain a BR1225 coin cell battery which shall be recycled at end of life.

**WEEE:** Electronic Equipment Assembly, Consult sales office or factory for information on proper recycling methods. Case plastics are Polycarbonate. Connectors Nylon.

**Environmental:** **EN IEC 63000<sup>4</sup>:2018-** Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances (RoHS) 10 of 10 with exemptions below.

**Industry Standard:** **SEMI F47-0812E** Specification for semiconductor sag immunity Figure R1-1

Notes:

- 1) Compliance with 3rd Edition requirements with use of external surge suppressor installed on 230 Vac~ power line units. Recommend minimum 1000 V peak to maximum 2000 V peak, 70 joules or better part be used.
- 2) CAUTION: This equipment not intended for use in residential or commercial environments and may not provide adequate protection to radio reception in such environments without additional filtering.
- 3) Cycle time may need to be extended up to 160 seconds to meet flicker requirements depending on load current and switching method and source impedance. PM unit power compliant with flicker requirements.
- 4) RoHS compliance of some components used within product is via the following exemptions
  - 6 c) Copper alloy containing up to 4 % lead by weight (terminals)
  - 7 a) Lead in high melting point solders internal to components
  - 7 c) -i Lead in glass in ceramic internal to components

Any questions relating to this declaration or the conformity of the product(s) covered by this declaration should be directed, in writing, to either the European or Company Authorized Representative noted on this declaration.

**European Authorized Representative:**

Mr. Martin Wallinger  
Watlow Plasmatech GmbH  
Brennhoflehen-Kellau 156  
5431, Kuehl, Austria

**Implementation Date:**

January 27<sup>th</sup>, 2023

**Place of Issue:**

Winona, MN USA

**Company Authorized Representative:**

Jeff Harrington



Director of Operations  
Watlow Electric Manufacturing Company  
1241 Bundy Blvd.  
Winona, MN 55987 USA



Any questions relating to this declaration or the conformity of the product(s) covered by this declaration should be directed, in writing, to either the European or Company Authorized Representative noted on this declaration.