

# EU DECLARATION OF CONFORMITY



**Product Name:** POWER UNIT\_PWU  
**Model Number:** ES0196A00005  
**Name:** ERA a.s.  
**Address:** Prumyslova 387, 530 03 Pardubice,  
 Czech Republic, ID No. 60916427



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

## Object of the declaration:

The PWU module is power supply unit converting power grid voltage of 110 V – 240 V, 50/60 Hz to DC output voltage with the nominal value of 24 V. It simultaneously ensures switching to backup battery module or its permanent charging. Module PWU is exclusively usable for passive tracking systems produced by ERA a.s.

## The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:

Directive **2014/35/EU**

Directive **2014/30/EU**

## References:

### Electromagnetic compatibility:

**EN 61000-3-2: 2006** - Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current  $\leq$  16 A per phase)

**EN 61000-3-3: 2008** - Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current  $\leq$  16 A per phase and not subject to conditional connection

**EN 61000-6-2: 2005** - Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity for industrial environments

**EN 61000-6-3: 2007+A1:2011** - Electromagnetic compatibility (EMC) - Part 6-3: Generic standards - Emission standard for residential, commercial and light-industrial environments

**EN 55022: 2010 Class B** - Information technology equipment - Radio disturbance characteristics - Limits and methods of measurement

**ETSI EN 301 489-1 V1.9.2** - Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements

**ETSI EN 301 489-3 V1.6.1** - Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 kHz and 246 GHz.

### Electrical safety:

**EN 60950-1: 2006** - Information technology equipment - Safety - Part 1: General requirements

Signed for and on behalf of:

In Pardubice on the 6<sup>th</sup> of January, 2017

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 Jiří Jirout  
 Quality Assurance Manager