



EU Declaration of Conformity

Hereby, we,

Name of manufacturer: Astera LED Technology GmbH
Address: Schatzbogen 60, 81829 Munich, Germany
City: Munich
Country: Germany

declares that the DoC is issued under its sole responsibility and that this product:

Product description: Titan PowerBox
Type designation(s): FP1-PWB
Trademark: ASTERA

is in conformity with the relevant Union harmonization legislation:

- Radio Equipment Directive: **2014/53/EU**
- Low Voltage Directive: **2014/35/EU**
- Electromagnetic Compatibility Directive: **2014/30/EU**
- RoHS Directive: **2011/65/EU**
- ErP Directive: **2009/125/EC**

with reference to the following standards applied:

1. Health

Applied Standard(s):

- EN IEC 62311:2020
- EN 50665:2017
- EN IEC 62031:2020
- IEC TR 62778:2014 (RG~~X~~)

2. Safety (2014/35/EU)

Applied Standard(s):

- EN IEC 60598-1:2021
- EN IEC 60598-2-17:2018
- EN IEC 61347-1:2015+A1:2021
- EN IEC 61347-2-11:2024
- EN IEC 61347-2-13:2014+A1:2017
- EN 62133-1:2017
- EN 62133-2:2017/A1:2021
- EN 62560:2012/AC:2015
- EN 62493:2015
- EN 62479:2010

3. Electromagnetic compatibility (2014/30/EU)

Applied Standard(s):

- ETSI EN 301 489-1 V2.2.3 (2019-11)
- ETSI EN 301 489-3 V2.3.2 (2023-01)
- ETSI EN 301 489-17 V3.3.1 (2024-09)
- EN IEC 55015:2019/FprA1:2024
- EN IEC 61547:2023
- EN IEC 61000-3-2:2019/A2:2024



- EN 61000-3-3:2013/A2:2021/AC:2022-01
- EN IEC 61000-6-1:2019
- EN IEC 61000-6-2:2019
- EN IEC 61000-6-3:2021
- EN IEC 61000-6-4:2019

4. Radio frequency spectrum usage (2014/53/EU)

Applied Standard(s):

- ETSI EN 300 220-1 V3.1.1 (2017-02)
- ETSI EN 300 220-2 V3.2.1 (2018-06)
- ETSI EN 300 328 V2.2.2 (2019-07)
- ETSI EN 300 440 V2.2.1 (2018-07)

5. Chemical(2011/65/EU)

Applied Standard(s):

- IEC 62321-1:2013, IEC 62321-2:2021, IEC 62321-3-1:2013, IEC 62321-3-2:2020, IEC 62321-3-3:2021, IEC 62321-3-4:2023, IEC 62321-4:2013+AMD1:2017 CSV, IEC 62321-5:2013, IEC 62321-6:2015, IEC 62321-7-1:2015, IEC 62321-7-2:2017, IEC 62321-8:2017
- EN IEC 63000:2018(RoHS)

6. ERP Applied Standard(s):

- COMMISSION REGULATION (EU) 2019/2020(Rated lifetime:50000h)
- COMMISSION DELEGATED REGULATION (EU)2019/2015
- COMMISSION DELEGATED REGULATION (EU)2021/400
- COMMISSION DELEGATED REGULATION (EU)2021/341

Power factor: ≥0.9

Remark: The conformity is only true if the user sets the RF Region "EU" in the App.

Signed by or for the manufacturer:

Name (in print):

Ken He

Title

RD Manager

Place and date of issue (of this DoC):

2026/6/15

Date	Version	Changing history/ Release notes	Compiled	Approved
2025.6.15	V1.0	Update standards version, add ErP directive.	Nemo Wang	Ken He