

The following harmonized standards and technical specifications have been applied:

1. The Electromagnetic Compatibility Regulations 2016.

Title	Description	Stability
IEC 61204-3:2016	Low-voltage switch mode power supply Part3: Electromagnetic compatibility	2025
CISPR22	Conducted Emmision	2022
CISPR22	Radiated Emmision	2022
IEC 61000-4-2	ESD Immunity	2022
IEC 61000-4-3	Radiated Fiels Immunity	2022
IEC 61000-4-4	Electrical Fast Transient Immunity	2025
IEC 61000-4-5	Surge Immunity	2027
IEC 61000-4-6	Conducted Immunity	2022
IEC 61000-4-8	Magnetic field Immunity	2023
IEC 61000-4-11	Voltage dips, interruptions	2025

2. Electrical Equipment (UL) Safety Standards

Title	Description	Stability
IEC 60601-1-2 : 2014	Medical electrical equipment –Part 1-2: General requirements for basic safety and essential performance –Collateral Standard: Electromagnetic disturbances – Requirements and tests	2024
IEC 62368-1 : 2018	Audio/video, information and communication technology equipment - Part 1: Safety requirements	2022
IEC 61558-2-16 : 2021	Safety of transformers, reactors, power supply units and combinations thereof - Part 2-16: Particular requirements and tests for switch mode power supply units and transformers for switch mode power supply units for general applications	2025

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