

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	2023
CISPR 32:2015+AMD1:2019	Conducted Emission	2023
CISPR 32:2015+AMD1:2019	Radiated Emission	2023
IEC 61000-4-2:2008	ESD Immunity	2024
IEC 61000-4-3:2020	Radiated Field Immunity	2025
IEC 61000-4-4:2012	Electrical Fast Transient Immunity	2025
IEC 61000-4-5:2014 + AMD1: 2017	Surge Immunity	2027
IEC 61000-4-6:2023	Conducted Immunity	2027
IEC 61000-4-8:2009	Magnetic Field Immunity	2027
IEC 61000-4-11:2020 + COR2: 2022	Voltage dips, interruptions	2028

2. Electrical Equipment 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	2028
IEC 62368-1 : 2023	Audio/video, information and communication technology equipment - Part 1: Safety requirements	2026
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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