

Declaration of Performance

According to the Construction Products Regulation
EU no. 305/2011 and no. EU 574/2014

DoP document no. **21-009**

1. *Unique identification code of product type:*

VX-2000DS

consisting of the components:

**VX-2000DS CE,
VX-2000DS CE-GB
VX-2000DA SA
CR-15, CR-22,**

**CR-27, CR-35,
CR-40, CR-44,
CR-SR821 QJ,
CR-SR830 QJ**

**CR-SR840 QJ,
NPL65-12I (Yuasa),**

2. *Indicated use:*

Power Supply Equipment for TOA voice alarm systems

3. *Manufacturer:*

**TOA Corporation
7-2-1 Minatojima-Nakamachi, Chuo-ku, Kobe 650-0046, Japan**

Registered trademark:



4. *Authorised representative:*

**TOA Electronics Europe GmbH
Süderstraße 282, 20537 Hamburg, Germany**

5. *System of AVCP:*

System 1

6a. *Harmonised standard:*

**EN 54:2008 Fire detection and fire alarm systems
Part 4: Power Supply Equipment:1997 and
Amendments A1:2002 + A2:2006**

Notified body:

asbl ANPI vzw

Notified body number: 1134

7. List of declared performances

Essential characteristics of the product	Harmonised standard EN 54-16: 2008	Scope of essential characteristics regarding intended use of product
Performance under fire condition		
General requirements	§ 4	Passed
Functions	§ 5	Passed
Materials, design and manufacture	§ 6	Passed
Operational reliability		
General requirements	§ 4	Passed
Functions	§ 5	Passed
Materials, design and manufacture	§ 6	Passed
Documentation	§ 7	Passed
Marking	§ 8	Passed
Test of the charger and the standby power source	§ 9.3	Passed
Durability of operational reliability: Temperature resistance		
Cold (operational)	§ 9.5	Passed
Damp heat, steady state (operational)	§ 9.6	Passed
Durability of operational reliability: Vibration resistance		
Impact (operational)	§ 9.7	Passed
Vibration, sinusoidal (operational)	§ 9.8	Passed
Vibration, sinusoidal (endurance)	§ 9.15	Passed
Durability of operational reliability: Electrical stability		
Mains voltage variations	§ 9.9 a)	Passed
Mains voltage dips and interruptions	§ 9.9 b)	Passed
Electrostatic discharges (operational)	§ 9.9 c)	Passed
Radiated electromagnetic fields	§ 9.9 d)	Passed
Conducted disturbances induced by electromagnetic fields	§ 9.9 e)	
Fast transient bursts	§ 9.9 f)	Passed
Slow high energy transients	§ 9.9 g)	Passed
Durability of operational reliability: Humidity resistance		
Damp heat, steady state (operational)	§ 9.6	Passed
Damp heat, steady state (endurance)	§ 9.14	Passed

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the representative by: Wolfgang Pein (managing director)

Hamburg, 8.11.2021

