



DECLARATION OF PERFORMANCE

No:
FSTDOP21001

Product Name: See Annex A

Intended Use: Fire safety- Optical Smoke Alarm Device for residential applications

Manufacturer: FireAngel Safety Technology Limited
Vanguard Centre, Sir William Lyons Road
Coventry, CV4 7EZ,UK

AVCP System 1 The certification body performed type testing and the initial inspection of the manufacturing plant and of factory production control with continuous surveillance assessment and approval of the factory production control and issued the EC certificate of conformity

Approved Body: BSI, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP (NB 0086)

FPC Certificate: 0086-CPR-744240

Essential Characteristics	EN14604:2005 Clause	Performance
Nominal activation conditions/ Sensitivity, Response delay (response time) and Performance under fire condition	4.12, 4.18, 5.2, 5.3, 5.4, 5.5, 5.6, 5.15, 5.17, 5.18, 5.19, 5.20	PASS
Operational reliability	4.1, 4.2, 4.3, 4.4, 4.5, 4.6, 4.7, 4.8, 4.9, 4.10, 4.11, 4.13, 4.14, 4.15, 4.16, 4.17, 4.19, 5.11, 5.16, 5.22, 5.23, 5.24	PASS
Tolerance to supply voltage	5.21	PASS
Durability of operational reliability and response delay, temperature resistance	5.7, 5.8	PASS
Durability of operational reliability, vibration resistance	5.12, 5.13	PASS
Durability of operational reliability, humidity resistance	5.9	PASS
Durability of operational reliability, corrosion resistance	5.10	PASS
Durability of operational reliability, electrical stability	5.14	PASS

Note: The products covered by this standard are assumed to operate, in an event of fire, before the fire becomes so large as to affect their functioning. There is therefore no requirement to function when exposed to direct attack from fire.

Signed for and on behalf of FireAngel Safety Technology Limited

I.M. Ballinger
Head of Certification
Coventry, United Kingdom
Date of Issue: 17th November 2021
Revision: 2
Revision Date: 5th September 2022

Annex A

Battery Operated Smoke Alarms With removeable battery	Battery Operated Smoke Alarms With Sealed Battery	Mains Powered Smoke Alarms With battery backup
FireAngel ST-623E AngelEye ST-AE623E	FireAngel ST-620 FireAngel ST-622 FireAngel ST-750 AngelEye ST-AE620 AngelEye ST-AE622 Angeleye ST-AE750	FireAngel ST-230 FireAngel WST-230 FireAngel SM-SN-1 FireAngel WSM-SN-1