

DECLARATION OF PERFORMANCE
No. CPR-ST-003

1. Unique identification code of the product-type:
Smoke Alarms Model: SD218
2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) of the CPR:
Battery powered photoelectric smoke alarm Model SD218, SD218-I
3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:
Intended for Fire safety and indoor use
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

Ningbo Sentek Electronics Co., Ltd.
448 Yingchun Road, Wangchun Industrial Park, Ningbo City, China 315175
Tel. +86-574-87155635
Fax: +86-574-87155951
Email: service@sentek.cc
5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):
Not applicable
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:
System 1
7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

Intertek Testing & Certification Limited - 0905
performed the initial type- testing for the relevant characteristics of the product, the initial inspection of the factory production control and performs the continuous surveillance, assessment and approval of the factory production control under system 1 and issued the certificate of constancy of performance:
0905-CPR-00212
8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:
Not applicable
9. Declared performance

Table of performance for EN14604:2005

Harmonised technical specification

Essential characteristics	Performance	Clauses	Notes
Nominal activation conditions/Sensitivity, Response delay (response time) and Performance under fire conditions	Pass	4.12, 4.18, 5.2, 5.3, 5.4, 5.5, 5.6, 5.15, 5.17, 5.18, 5.19, 5.20	1, 5
Operational reliability	Pass	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	2, 3, 4
Tolerance to supply voltage	Pass	5.21	
Durability of operational reliability and response delay; temperature resistance	Pass	5.7, 5.8	
Durability of operational reliability; vibration resistance	Pass	5.12, 5.13	

Durability of operational reliability; humidity resistance	Pass	5.9	
Durability of operational reliability; corrosion resistance	Pass	5.10	
Durability of operational reliability; electrical stability	Pass	5.14	2

Notes:

1. 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.
2. Clauses 4.3, 4.8, 5.14a and 5.23 are not applicable for battery powered smoke alarms.
3. Clause 4.4 is only applicable for smoke alarms that provide for connection to external ancillary devices.
4. The manufacturer declared that the SD218 range of smoke alarms did not rely on software to fulfill the requirements of the standard; Clause 4.17 has therefore not been assessed.
5. Clause 5.20 is only applicable for smoke alarms with an alarm silence facility.

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

.....Peilin Jiang General Manager.....
(name and function)

.....Ningbo.....31 December 2020.....
(place and date of issue)

Peilin
.....
(signature)