



DECLARATION OF PERFORMANCE

No. **0051-CPR-0170**

Unique identification code of the product-type:

SPS24060G

Intended use/es

**Power supply equipment
for fire detection and fire alarm systems installed in buildings and
smoke and heat control systems**

Manufacturer:

INIM ELECTRONICS S.R.L.
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System/s of AVCP:

System 1

Harmonized standard/s:

EN 54-4:1997 + A1:2002 + A2:2006
EN 12101-10:2005

Notified Body/ies:

IMQ S.p.A., No. 0051
CENTRUM NAUKOWO-BADAWCZE OCHRONY PRZECIWPOZAROWEJ IM., No. 1438

Declared performance/es:

Essential Characteristics	Performance	Harmonized technical specification	§	Note
Performance of power supply				
General requirements	PASS	EN 54-4:1997 + A1:2002 + A2:2006	4	
Functions	PASS		5	
Materials, design and manufacture	PASS		6	
Operational reliability				
General requirements	PASS	EN 54-4:1997 + A1:2002 + A2:2006	4	
Functions	PASS	EN 54-4:1997 + A1:2002 + A2:2006	5	
	PASS	EN 12101-10:2005	6	
Materials, design and manufacture	PASS	EN 54-4:1997 + A1:2002 + A2:2006	6	
	PASS	EN 12101-10:2005	7	
Documentation	PASS	EN 54-4:1997 + A1:2002 + A2:2006	7	
Marking	PASS		8	
Performance parameters under fire conditions				
General requirements	PASS	EN 12101-10:2005	4.1	
Power sources - General requirements	Not applicable		5.2.1	
Response time				
General requirements	PASS	EN 12101-10:2005	4.1	
Power sources - General requirements	Not applicable		5.2.1	
Power supply from the secondary power source (battery)	PASS		6.2.2	
Power supply from the secondary power source (generators)	Not applicable		6.3.1	
Durability of operational reliability: temperature resistance				
Cold (operational)	PASS	EN 54-4:1997 + A1:2002 + A2:2006	9.5	
Durability of operational reliability: vibration resistance				
Impact (operational)	PASS	EN 54-4:1997 + A1:2002 + A2:2006	9.7	
Vibration, sinusoidal (operational)	PASS	EN 54-4:1997 + A1:2002 + A2:2006	9.8	
Vibration, sinusoidal (endurance)	PASS	EN 54-4:1997 + A1:2002 + A2:2006	9.15	



Durability of operational reliability: electrical stability				
Electromagnetic compatibility (EMC), immunity tests (operational)	PASS	EN 54-4:1997 + A1:2002 + A2:2006	from 9.9 to 9.13	
Durability of operational reliability: humidity resistance				
Damp heat, steady state (operational)	PASS	EN 54-4:1997 + A1:2002 + A2:2006	9.6	
Damp heat, steady state (endurance)	PASS	EN 54-4:1997 + A1:2002 + A2:2006	9.14	

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 manufacturer by:

Baldovino Ruggieri
(Managing Director)

At Montepredone, on 29/05/2020

