



## Environmental Product Declaration

### Product

Type of equipment /	QSA2700	Fine dust sensor to monitor PM2.5 value
Product No.	QSA2700D	Fine dust sensor with LCD display to monitor F
	AQS2700	Replacement sensor module for QSA2700 and

### Product

Product line, product range SRA

### Process control

Beijing Siemens Cerberus Electronics Ltd.

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Management System	since	by
ISO 14001 (Environment)	14.04.2017	SGS
ISO 9001 (Quality)	08.05.2017	SGS
OHSAS 18001 (OH&S)	14.04.2017	SGS

### Environmentally compatible product design

Product responsibility of Siemens covers the entire product life cycle. Siemens already assesses, avoids and minimizes the environmental impact of its products with respect to production, procurement, sales, use, services and disposal during the product and process planning phases by complying with Siemens EP Standard (former SN 36350) "Specifications on Environmentally Compatible Product and System Design".

### Product use

Typical energy consumption 5kWh/a

Maintenance

### Risk of fire

Fire protection according to  
Fire load 1 ... 3MJ

### Packaging

20-PAP Corrugated fiber board	Carton Box	0 ... 394g
20-PAP Corrugated fiber board	Cardboard	0 ... 103g

20-PAP Corrugated fiber board	Gift box	0 ... 720g
20-PAP Corrugated fiber board	Gift box insert	0 ... 420g
20-PAP Corrugated fiber board	Carton Box	0 ... 213g
20-PAP Corrugated fiber board	Cardboard	0 ... 216g
20-PAP Corrugated fiber board	Gift box	0 ... 320g
20-PAP Corrugated fiber board	Gift box insert	0 ... 240g
Notes on disposal	One-way, recyclable	

## Materials

Total weight of device variant \*) see below

The total weight of a device may deviate from the total of the weights of all individual components due to rounding.

### Plastics

PC; halogen-free	Front Housing	variant
PC; halogen-free	Rear Housing	variant
PC; halogen-free	Mounting plate	variant
PC; halogen-free	Cover	10g
PC; halogen-free	LCD Bracket	variant

### Metals

Steel; nickel plated	Screw, M2.2x10 (2pcs)	variant
Steel; nickel plated	Screw, M2.2x4 (3pcs)	variant
Steel; nickel plated	Screw, M3x25 (2pcs)	variant

### Others

Sensor	variant
Sensor	24g
Lens	variant
LCD	variant

PCBAs (Printed Circuit Board assembled)	FR4; halogen-free; solder SnAgCu	PM2.5 Main Board	variant
	FR4; halogen-free; solder SnAgCu	PM2.5 TM Board	variant
	FR4; halogen-free; solder SnAgCu	PM2.5 Module BKT Board	1g
	FR4; halogen-free; solder SnAgCu	PM2.5 DS Board	variant

Special components  
(part of the assembled PCB)

**\*Variant parts list**

	QSA2700	QSA2700D	AQS2700								
[g]											
Total weight of device	140	154	35								
Front Housing	16	16									
Rear Housing	22	22									
Mounting plate	18	18									
Cover	10	10	10								
LCD Bracket	7	7									





**Legal Disclaimer: This declaration is for information purpose only.**

This Environmental Product Declaration does not constitute a guarantee of the composition of a product, neither does it guarantee that the product will retain a particular composition for a particular period.

Beijing Siemens Cerberus Electronics Ltd. therefore does not assume liability for any error or for any consequences which may arise from the use of this information to the maximum extent under the law.

Please contact your local Siemens branch office to get further information on environmental aspects and disposal.

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