

Environmental datasheet

e-STUDIO409P

System information

System: E-STUDIO409P

Printing/Copying Speed: 40 ppm monochrome

Supplies:

Toner T-409E-R, T-409W

- ☒ Duplex unit as standard
- ☒ Capable to operate with recycling paper (EN12281)
- ☐ Internal toner recycling
- ☒ Energy Saver modes available
- ☒ Safety Data Sheet (SDS) for toner available



Image includes options

Noise emission

Measured according to: ☒ Blue Angel (DE-UZ 219) ☒ ISO 7779 / ISO 9296

	A-weighted sound power LWAm	Declared A-weighted sound power LWAd
Operation mode (mono)	64.9 dB(A)	67.4 dB(A)

The device meets the noise emission requirements of the following voluntary programmes:

- ☒ Blue Angel (DE-UZ 219) ☒ Nordic Swan 6.6

Chemical emission

Measured according to: ☒ Blue Angel (DE-UZ 219)

	Print phase (mono) ¹	Pre-operating phase (mono) ¹
Ozone	<0,13 (LOD) mg/h	0,081 mg/h
Styrene	0,127 mg/h	
Dust	0,25 mg/h	
TVOC	2,206 mg/h	
Benzene	<0,012 (LOD) mg/h	
Unidentified single VOC	pass	
Particle emission rate	0,13 x 10 ¹¹ /10 min	

¹ LOQ/LOD = Limit of Detection

The device meets the chemical emission requirements of the following voluntary programmes:

- ☒ Blue Angel (DE-UZ 219) ☒ Nordic Swan 6.6

Power level at 230 V AC

Measured according to: ☒ ENERGY STAR® for Imaging Equipment ☒ Blue Angel (DE-UZ 219)

Ready	5,03 W	Plug-in Off	0,1 W
Energy Save Mode	0,89 W	Power max.	1190 W
		cont. printing	540 W

Typical Energy Consumption (TEC): 1,346 kWh/week based on ENERGY STAR® for IE, Version 2.0
0,47 kWh/week based on ENERGY STAR® for IE, Version 3.0

The device meets the power consumption requirements of the following voluntary programmes:

☒ ENERGY STAR for Imaging Equipment, v. 2.0 ☒ Blue Angel (DE-UZ 219) ☒ Nordic Swan 6.6

☒ ENERGY STAR for Imaging Equipment, v. 3.0

Packaging data

Cardboard/ Paper	962 g
Plastics	565 g

Chemicals/material

1st battery: LiMnO2 0.23 g

Cover/housing

Material: ABS, ABS+PC, HIPS
Flame Retardants: Free from halogens and chlorinated paraffins
Marking: Plastics marked according to ISO 11469

Recycled plastic usage-ratio (in plastic-parts >25g):

33,8 weight-% per total plastics, respectively 1,546 kg

☒ Device is compliant to the RoHS-Directive ☒ Device and material comply to REACH-Regulation

Take-back programmes

- ☒ For devices according to WEEE-Directive
- ☒ For batteries according to Battery Directive
- ☒ For packaging material according to Packaging Directive

Others

Manufacturing site certified according to:

- ☒ ISO 14001 (Environmental Management System)
- ☒ ISO 9001 (Quality Management System)
- ☒ ISO 18001 (Occupational Health and Safety Management System)

Commission Regulation 2019/2020:

The light sources are not intended for any other application than image capturing and/or printing in a Toshiba MFP/Printer!