

Product Environmental Profile

Desk Unit XS - Wireless charger





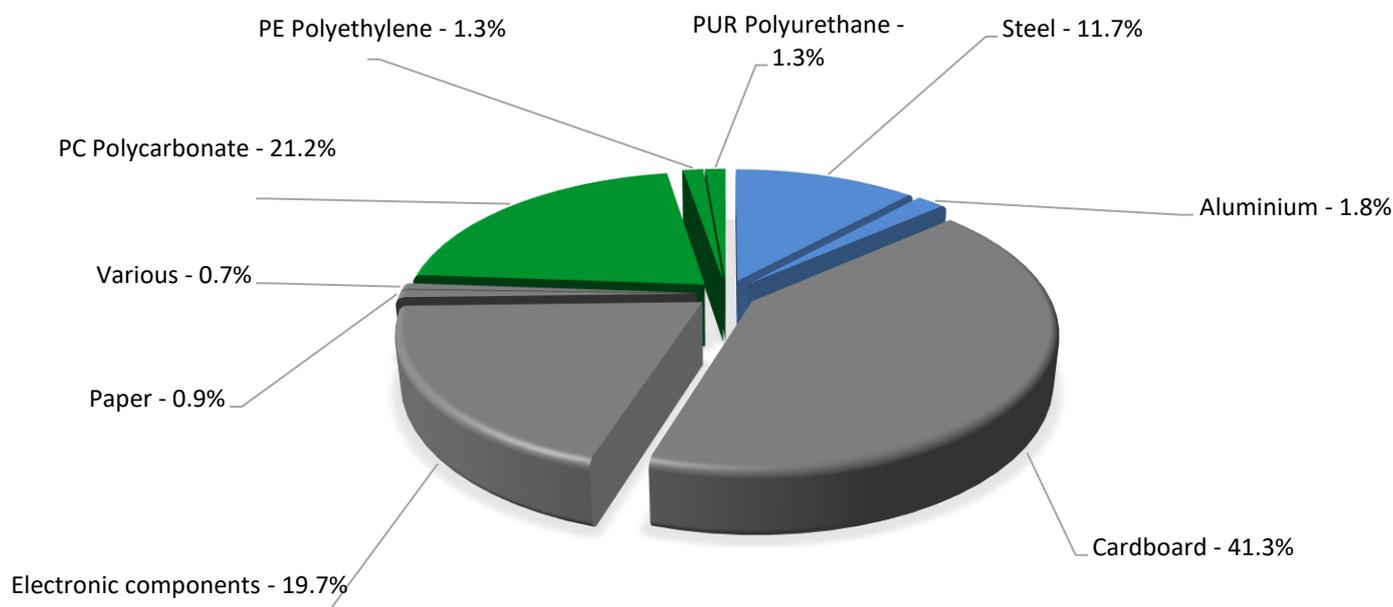
General information

Representative product	Desk Unit XS - Wireless charger - INS44010
Description of the product	Desk Unit XS – wireless charger
Functional unit	<p>Desk Unit XS - Wireless charger make the charge as smooth and convenient as putting your phone on a table, In desk version wireless charger is univwesal,supports all smartphone,and addordance with Qi certificated (Qi technology is the universal standard for the wireless charging of battery-operated devices) , in new range of Capella, and other ranges potentially,</p> <ul style="list-style-type: none"> - Qi standard (1.2.3) or later for smartphones - IP44 certified (Protected against solid objects over 1mm (crumbs),Protected against water sprayed from all direction (splash of water)) - Input DC 5V / 1,5A min - Over voltage protection: 20V



Constituent materials

Reference product mass	628 g including the product, its packaging and additional elements and accessories
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Plastics	23.8%
Metals	13.5%
Others	62.6%



Substance assessment

Products of this range are designed in conformity with the requirements of the RoHS directive (European Directive 2011/65/EU of 8 June 2011) and do not contain, or only contain in the authorised proportions, lead, mercury, cadmium, hexavalent chromium or flame retardants (polybrominated biphenyls - PBB, polybrominated diphenyl ethers - PBDE) as mentioned in the Directive

Details of ROHS and REACH substances information are available on the Schneider-Electric Green Premium website

<http://www2.schneider-electric.com/sites/corporate/en/products-services/green-premium/green-premium.page>

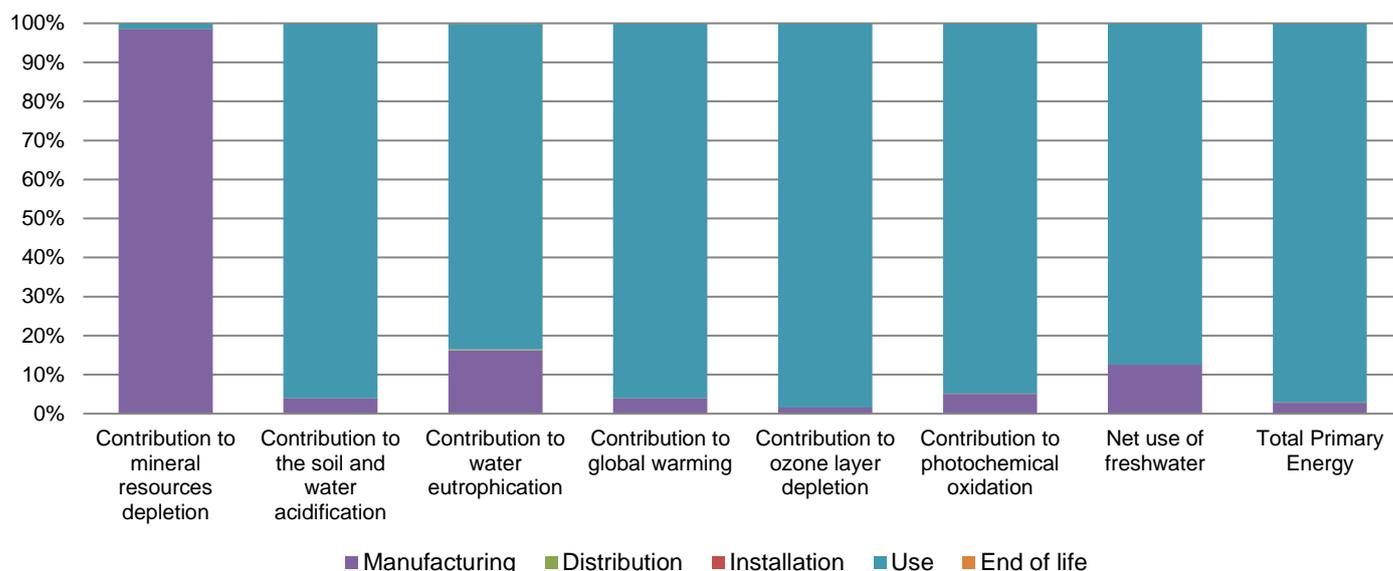
 Additional environmental information	
The Desk Unit XS - Wireless charger presents the following relevant environmental aspects	
Manufacturing	Manufactured at a Schneider Electric production site ISO14001 certified
Distribution	Weight and volume of the packaging optimized, based on the European Union's packaging directive Packaging weight is 276 g, consisting of cardboard (95%), Paper (2%), plastic (3%)
Installation	Ref INS44010 does not require any installation operations.
Use	The product does not require special maintenance operations.
End of life	End of life optimized to decrease the amount of waste and allow recovery of the product components and materials
	This product contains electronic card (4.57g) that should be separated from the stream of waste so as to optimize end-of-life treatment.
	The location of these components and other recommendations are given in the End of Life Instruction document which is available on the Schneider-Electric Green Premium website http://www2.schneider-electric.com/sites/corporate/en/products-services/green-premium/green-premium.page Based on "ECO'DEEE recyclability and recoverability calculation method" (version V1, 20 Sep. 2008 presented to the French Agency for Environment and Energy Management: ADEME). Recyclability potential: 85%

Environmental impacts

Reference life time	10 years
Product category	Other equipments - Active product
Installation elements	No special components needed
Use scenario	The product is in active mode 50% of the time with a power use of 10W and in stand-by mode 50% of the time with a power use of 0.25W, for 5 years
Geographical representativeness	Europe
Technological representativeness	Desk Unit XS – wireless charger

Energy model used	Manufacturing	Installation	Use	End of life
	Energy model used: Dongguan		Electricity Mix; AC; consumption mix, at consumer; 1kV - 60kV; EU-27	Electricity Mix; AC; consumption mix, at consumer; 1kV - 60kV; EU-27

Compulsory indicators		Desk Unit XS - Wireless charger - INS44010					
Impact indicators	Unit	Total	Manufacturing	Distribution	Installation	Use	End of Life
Contribution to mineral resources depletion	kg Sb eq	3.86E-04	3.80E-04	0*	0*	5.73E-06	0*
Contribution to the soil and water acidification	kg SO ₂ eq	9.68E-01	3.79E-02	3.70E-04	0*	9.29E-01	1.10E-04
Contribution to water eutrophication	kg PO ₄ ³⁻ eq	4.23E-02	6.87E-03	8.52E-05	1.51E-05	3.54E-02	3.04E-05
Contribution to global warming	kg CO ₂ eq	1.31E+02	5.10E+00	8.10E-02	1.49E-02	1.25E+02	5.75E-02
Contribution to ozone layer depletion	kg CFC11 eq	3.10E-05	4.90E-07	0*	0*	3.06E-05	0*
Contribution to photochemical oxidation	kg C ₂ H ₄ eq	4.65E-02	2.38E-03	2.64E-05	0*	4.40E-02	1.15E-05
Resources use	Unit	Total	Manufacturing	Distribution	Installation	Use	End of Life
Net use of freshwater	m3	3.75E-01	4.71E-02	0*	0*	3.28E-01	5.03E-05
Total Primary Energy	MJ	2.62E+03	7.36E+01	1.15E+00	0*	2.54E+03	5.39E-01



Optional indicators		Desk Unit XS - Wireless charger - INS44010					
Impact indicators	Unit	Total	Manufacturing	Distribution	Installation	Use	End of Life
Contribution to fossil resources depletion	MJ	1.34E+03	4.85E+01	1.14E+00	1.94E-01	1.29E+03	4.34E-01
Contribution to air pollution	m³	5.93E+03	6.33E+02	3.45E+00	5.95E-01	5.29E+03	3.83E+00
Contribution to water pollution	m³	6.40E+03	1.11E+03	1.33E+01	2.27E+00	5.27E+03	4.68E+00
Resources use	Unit	Total	Manufacturing	Distribution	Installation	Use	End of Life
Use of secondary material	kg	2.52E-01	2.52E-01	0*	0*	0*	0*
Total use of renewable primary energy resources	MJ	1.84E+02	1.77E+00	0*	0*	1.83E+02	0*
Total use of non-renewable primary energy resources	MJ	2.44E+03	7.18E+01	1.14E+00	0*	2.36E+03	5.39E-01
Use of renewable primary energy excluding renewable primary energy used as raw material	MJ	1.84E+02	9.87E-01	0*	0*	1.83E+02	0*
Use of renewable primary energy resources used as raw material	MJ	7.81E-01	7.81E-01	0*	0*	0*	0*
Use of non renewable primary energy excluding non renewable primary energy used as raw material	MJ	2.43E+03	6.41E+01	1.14E+00	0*	2.36E+03	5.39E-01
Use of non renewable primary energy resources used as raw material	MJ	7.74E+00	7.74E+00	0*	0*	0*	0*
Use of non renewable secondary fuels	MJ	0.00E+00	0*	0*	0*	0*	0*
Use of renewable secondary fuels	MJ	0.00E+00	0*	0*	0*	0*	0*
Waste categories	Unit	Total	Manufacturing	Distribution	Installation	Use	End of Life
Hazardous waste disposed	kg	8.78E+00	8.35E+00	0*	0*	0*	4.27E-01
Non hazardous waste disposed	kg	4.71E+02	4.50E+00	0*	0*	4.67E+02	0*
Radioactive waste disposed	kg	3.85E-01	1.60E-03	0*	0*	3.84E-01	0*
Other environmental information	Unit	Total	Manufacturing	Distribution	Installation	Use	End of Life
Materials for recycling	kg	6.29E-01	5.15E-02	0*	2.74E-01	0*	3.04E-01
Components for reuse	kg	0.00E+00	0*	0*	0*	0*	0*
Materials for energy recovery	kg	7.53E-03	0*	0*	0*	0*	7.53E-03
Exported Energy	MJ	8.47E-04	7.96E-05	0*	7.68E-04	0*	0*

* represents less than 0.01% of the total life cycle of the reference flow

Life cycle assessment performed with EIME version EIME v5.8.1, database version 2016-11 in compliance with ISO14044.

The use phase is the life cycle phase which has the greatest impact on the majority of environmental indicators (based on compulsory indicators).

Please note that the values given above are only valid within the context specified and cannot be used directly to draw up the environmental assessment of an installation.

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Date of issue	08/2019	Supplemented by	PSR-0005-ed2-EN-2016 03 29
Validity period	5 years	Information and reference documents	www.pep-ecopassport.org
<i>Independent verification of the declaration and data</i>			
Internal	X	External	
<i>The elements of the present PEP cannot be compared with elements from another program.</i>			
<i>Document in compliance with ISO 14021:2016 « Environmental labels and declarations - Self-declared environmental claims (Type II environmental labelling) »</i>			

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