Product Environmental Profile

Galaxy VS UPS

General information

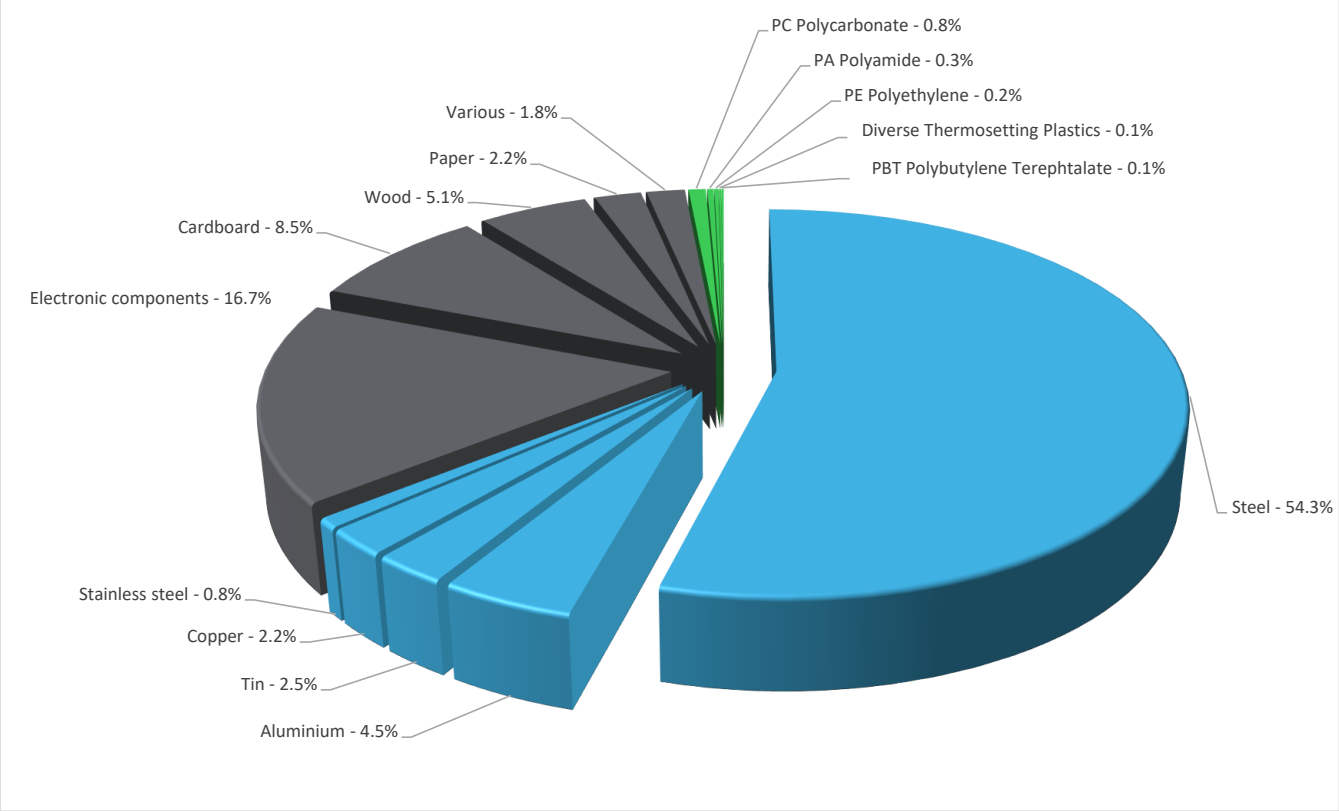
Reference product	Galaxy VS UPS 150 kW 400 V, for external batteries, Start-up 5x8- GVSUPS150KHS
Description of the product	Galaxy VS is a highly efficient, compact, modular and scalable 10-150kW (208V, 400V, 480V) 3-phase uninterruptible power supply (UPS) available worldwide that delivers top performance for small data centers, as well as critical infrastructure in commercial and industrial facilities.
Description of the range	The products of the range are: Galaxy VS UPS for external batteries, Start-up 5x8 The representative product of the range is: GVSUPS150KHS

Type	Net weight (kg)	Weight with packaging (kg)	Dimension (mm) HxWxD	Output performance classification	UPS rating (PF=1)
Galaxy VS UPS 20 kW 400 V, for external batteries, start-up 5x8	206	235	1485x521x847		20 kW/kVA
Galaxy VS UPS 30 kW 400 V, for external batteries, start-up 5x8	206	235	1485x521x847		30 kW/kVA
Galaxy VS UPS 40 kW 400 V, for external batteries, start-up 5x8	206	235	1485x521x847		40 kW/kVA
Galaxy VS UPS 50 kW 400 V, for external batteries, start-up 5x8	206	235	1485x521x847		50 kW/kVA
Galaxy VS UPS 60 kW 400 V, for external batteries, start-up 5x8	250	263	1485x521x847		60 kW/kVA
Galaxy VS UPS 80 kW 400 V, for external batteries, start-up 5x8	250	275	1485x521x847		80 kW/kVA
Galaxy VS UPS 100 kW 400 V, for external batteries, start-up 5x8	250	275	1485x521x847		100 kW/kVA
Galaxy VS UPS 120 kW 400 V, for external batteries, start-up 5x8	250	290	1485x521x847		120 kW/kVA
Galaxy VS UPS 150 kW 400 V, for external batteries, start-up 5x8	**250**	**290**	**1485x521x847**		**150 kW/kVA**
Galaxy VS UPS 50kW 400V scalable to 150kW for external batteries, Start-up 5x8	206	235	1485x521x847		50 kW/kVA
Galaxy VS UPS 20 kW 480 V, for external batteries, start-up 5x8	206	235	1485x521x847		20 kW/kVA
Galaxy VS UPS 30 kW 480 V, for external batteries, start-up 5x8	206	235	1485x521x847		30 kW/kVA
Galaxy VS UPS 40 kW 480 V, for external batteries, start-up 5x8	206	235	1485x521x847		40 kW/kVA
Galaxy VS UPS 50 kW 480 V, for external batteries, start-up 5x8	206	235	1485x521x847		50 kW/kVA
Galaxy VS UPS 60 kW 480 V, for external batteries, start-up 5x8	250	263	1485x521x847	VFI-SS-111	60 kW/kVA
Galaxy VS UPS 80 kW 480 V, for external batteries, start-up 5x8	250	263	1485x521x847		80 kW/kVA
Galaxy VS UPS 100 kW 480 V, for external batteries, start-up 5x8	250	263	1485x521x847		100 kW/kVA
Galaxy VS UPS 120 kW 480 V, for external batteries, start-up 5x8	250	290	1485x521x847		120 kW/kVA
Galaxy VS UPS 150 kW 480 V, for external batteries, start-up 5x8	250	290	1485x521x847		150 kW/kVA
Galaxy VS UPS 50 kW 480 V scalable to 150 kW for external batteries, start-up 5x8	206	235	1485x521x847		50 kW/kVA
Galaxy VS UPS 10 kW 208 V, for external batteries, start-up 5x8	206	235	1485x521x847		10 kW/kVA
Galaxy VS UPS 15 kW 208 V, for external batteries, start-up 5x8	206	235	1485x521x847		15 kW/kVA
Galaxy VS UPS 20 kW 208 V, for external batteries, start-up 5x8	206	235	1485x521x847		20 kW/kVA
Galaxy VS UPS 25 kW 208 V, for external batteries, start-up 5x8	206	235	1485x521x847		25 kW/kVA
Galaxy VS UPS 30 kW 208 V, for external batteries, start-up 5x8	250	263	1485x521x847		30 kW/kVA
Galaxy VS UPS 40 kW 208 V, for external batteries, start-up 5x8	250	263	1485x521x847		40 kW/kVA
Galaxy VS UPS 50 kW 208 V, for external batteries, start-up 5x8	250	263	1485x521x847		50 kW/kVA
Galaxy VS UPS 60 kW 208 V, for external batteries, start-up 5x8	250	290	1485x521x847		60 kW/kVA
Galaxy VS UPS 75 kW 208 V, for external batteries, start-up 5x8	250	290	1485x521x847		75 kW/kVA
Galaxy VS UPS 25 kW 208 V scalable to 75 kW for external batteries, start-up 5x8	206	235	1485x521x847		25 kW/kVA
Note: Models with a Redundant power module have an extra 48 kg Shipping Weight					
Models ending with 'A' have same characteristics and Environmental Profile as models without 'A'					

Functional unit	To ensure the supply of power to remain within specified characteristics to equipment with load of 100 watts for a RSL of 1 year.
Declared unit	To ensure the supply of power to remain within specified characteristics to equipment with load of 150 kWfor a RSL of 10 years.
Specifications	The product operates in multiple normal modes, but the impact results are calculated for the product operating in double conversion mode. Facility 3 Phase UPS Double conversion topology Main Input Voltage: 400 V 3 phase Main Output Voltage: 400 V 3 phase Rated power in VA: 150 kVA Provided equipment: -Dust filter -EcoStruxure IT ready (UPS) -Installation guide -Integrated network management -Power modules ship installed -Start-Up Service

Constituent materials

Reference product mass	290 kg	including the product, its packaging, additional elements and accessories



Plastics	1.5%
Metals	64.3%
Others	34.2%

Substance assessment

RoHS compliance	Products of this range are designed in conformity with the requirements of the RoHS directive (European Directive 2011/65/EU of 8 June 2011) on restriction of lead, mercury, cadmium, hexavalent chromium or flame retardants -PBB&PBDE or phthalates-DEHP, BBP, DBP, DIBP.
REACH compliance	Products of this range are designed in conformity with the requirements of the REACH 1907/2006 regulation and its latest updates.
Battery Directive compliance	The battery within this product range are designed in conformity with the requirements of the Battery and Accumulator Directive (European Directive 2006/66/EC of 26 September 2006).

Details of ROHS and REACH substances information are available on the Schneider-Electric website
https://www.se.com

Additional environmental information

End Of Life	Recyclability potential:	**73%**	The recyclability rate was calculated from the recycling rates of each material making up the product based on REEECY'LAB tool developed by Ecosystem, for components/materials not covered by the tool, data from the EIME database and the related PSR was taken. If no data was found a conservative assumption was used (0% recyclability).

Environmental impacts

Reference service life time	15 years
Product category	Uninterruptible Power Supply (UPS) - without energy storage system incorporated - P > 10000W
Life cycle of the product	The manufacturing, the distribution, the installation, the use and the end of life were taken into consideration in this study
Electricity consumtion	The electricity consumed during manufacturing processes is considered for each part of the product individually, the final assembly generates a negligible consumption
Installation elements	The product does not need specific tools or services, only packaging of the product needs to be eliminated.

Use scenario

Power consumption conforms to the requirements in PSR-0010-ed2-EN-2023 12 08_UPS:

Load rate	25%	50%	75%	100%
Proportion of time at specified load	0.25	0.5	0.25	0

The reference UPS is modeled to operate in normal mode (average efficiency of 96.9% and annual use of 296,882 kWh) 100% of the time after 15 years.

Type (UPS system)	Double conversion		eConversion	
	Average energy efficiency	Electricity consumption (kWh over 15 years)	Average energy efficiency	Electricity consumption (kWh over 15 years)
Galaxy VS UPS 20 kW 400 V, for external batteries, start-up 5x8	95.8%	51,575	97.2%	31,700
Galaxy VS UPS 30 kW 400 V, for external batteries, start-up 5x8	96.4%	66,768	98.1%	33,261
Galaxy VS UPS 40 kW 400 V, for external batteries, start-up 5x8	96.7%	83,111	98.5%	34,821
Galaxy VS UPS 50 kW 400 V, for external batteries, start-up 5x8	96.9%	101,014	98.7%	37,367
Galaxy VS UPS 60 kW 400 V, for external batteries, start-up 5x8	96.7%	125,159	98.7%	48,290
Galaxy VS UPS 80 kW 400 V, for external batteries, start-up 5x8	96.9%	157,680	98.7%	59,787
Galaxy VS UPS 100 kW 400 V, for external batteries, start-up 5x8	97.0%	194,636	99.0%	59,951
Galaxy VS UPS 120 kW 400 V, for external batteries, start-up 5x8	96.9%	241,448	98.9%	78,840
Galaxy VS UPS 150 kW 400 V, for external batteries, start-up 5x8	**96.9%**	**296,882**	**99.0%**	**87,463**
Galaxy VS UPS 50kW 400V scalable to 150kW for external batteries, Start-up 5x8	96.9%	101,014	98.7%	37,367
Galaxy VS UPS 20 kW 480 V, for external batteries, start-up 5x8	95.4%	55,352	96.9%	36,135
Galaxy VS UPS 30 kW 480 V, for external batteries, start-up 5x8	96.3%	68,985	97.9%	36,956
Galaxy VS UPS 40 kW 480 V, for external batteries, start-up 5x8	96.7%	82,125	98.3%	39,748
Galaxy VS UPS 50 kW 480 V, for external batteries, start-up 5x8	96.9%	96,497	98.6%	39,831
Galaxy VS UPS 60 kW 480 V, for external batteries, start-up 5x8	96.7%	125,159	98.4%	56,174
Galaxy VS UPS 80 kW 480 V, for external batteries, start-up 5x8	96.9%	155,052	98.6%	64,386
Galaxy VS UPS 100 kW 480 V, for external batteries, start-up 5x8	97.1%	184,781	98.8%	68,164
Galaxy VS UPS 120 kW 480 V, for external batteries, start-up 5x8	96.9%	231,593	98.7%	93,623
Galaxy VS UPS 150 kW 480 V, for external batteries, start-up 5x8	97.0%	288,259	98.8%	110,869
Galaxy VS UPS 50 kW 480 V scalable to 150 kW for external batteries, start-up 5x8	96.9%	96,497	98.6%	39,831
Galaxy VS UPS 10 kW 208 V, for external batteries, start-up 5x8	94.3%	55,385	97.2%	26,214
Galaxy VS UPS 15 kW 208 V, for external batteries, start-up 5x8	94.1%	55,681	97.0%	26,116
Galaxy VS UPS 20 kW 208 V, for external batteries, start-up 5x8	94.5%	70,463	97.6%	27,758
Galaxy VS UPS 25 kW 208 V, for external batteries, start-up 5x8	94.6%	87,258	98.0%	29,770
Galaxy VS UPS 30 kW 208 V, for external batteries, start-up 5x8	94.6%	103,231	97.7%	41,391
Galaxy VS UPS 40 kW 208 V, for external batteries, start-up 5x8	94.8%	135,342	98.0%	46,319
Galaxy VS UPS 50 kW 208 V, for external batteries, start-up 5x8	94.8%	169,999	98.3%	50,918
Galaxy VS UPS 60 kW 208 V, for external batteries, start-up 5x8	94.9%	200,549	98.1%	68,492
Galaxy VS UPS 75 kW 208 V, for external batteries, start-up 5x8	94.9%	251,918	98.2%	84,999
Galaxy VS UPS 25 kW 208 V scalable to 75 kW for external batteries, start-up 5x8	94.6%	87,258	98.0%	29,770

Time representativeness	The collected data are representative of the year 2024
Technological representativeness	The modules of technologies such as material production, manufacturing processes and transport technology used in the PEP analysis (LCA EIME in the case) are similar and representaive of the actual type of technologies used to make the product.

Geographical representativeness	**Final assembly site**	**Use phase**	**End-of-life**
	India	Europe	Europe

Energy model used	**[A1 - A3]**	**[A5]**	**[B6]**	**[C1 - C4]**
	Electricity Mix; Low voltage; 2020; China, CN Electricity Mix; Low voltage; 2020; Europe, EU-27 Electricity Mix; Low voltage; 2020; France, FR Electricity Mix; Low voltage; 2020; United States, US Electricity Mix; Low voltage; 2020; Global, GLO	No energy used	Electricity Mix; Low voltage; 2020; Europe, EU-27	Global, European and French datasets are used.

Detailed results of the optional indicators mentioned in PCRed4 are available in the LCA report and on demand in a digital format - Country Customer Care Center - http://www.se.com/contact

Functional Unit

Mandatory Indicators		Galaxy VS UPS - GVSUPS150KHS						
Impact indicators	Unit	Total (without Module D)	[A1 - A3] - Manufacturing	[A4] - Distribution	[A5] - Installation	[B1 - B7] - Use	[C1 - C4] - End of life	[D] - Benefits and loads
Contribution to climate change	kg CO2 eq	5.64E+00	2.10E-01	5.97E-03	2.11E-03	5.39E+00	3.16E-02	-3.29E-02
Contribution to climate change-fossil	kg CO2 eq	5.52E+00	2.11E-01	5.97E-03	1.01E-03	5.27E+00	3.11E-02	-3.14E-02
Contribution to climate change-biogenic	kg CO2 eq	1.19E-01	0*	0*	1.10E-03	1.17E-01	5.48E-04	-1.44E-03
Contribution to climate change-land use and land use change	kg CO2 eq	1.25E-07	1.24E-07	0*	0*	2.93E-10	9.29E-10	0.00E+00
Contribution to ozone depletion	kg CFC-11 eq	7.19E-08	3.47E-08	5.28E-09	1.48E-11	3.19E-08	4.25E-11	-5.11E-09
Contribution to acidification	mol H+ eq	2.99E-02	1.52E-03	2.60E-05	3.37E-06	2.83E-02	9.52E-05	-2.26E-04
Contribution to eutrophication, freshwater	kg P eq	1.54E-05	6.42E-07	0*	1.64E-08	1.29E-05	1.84E-06	-7.00E-08
Contribution to eutrophication marine	kg N eq	3.52E-03	1.77E-04	1.19E-05	1.42E-06	3.31E-03	2.15E-05	-1.96E-05
Contribution to eutrophication, terrestrial	mol N eq	5.52E-02	1.93E-03	1.29E-04	1.06E-05	5.29E-02	2.33E-04	-2.22E-04
Contribution to photochemical ozone formation - human health	kg COVNM eq	1.13E-02	6.38E-04	4.24E-05	2.38E-06	1.05E-02	7.47E-05	-7.90E-05
Contribution to resource use, minerals and metals	kg Sb eq	5.83E-05	4.43E-05	0*	0*	1.39E-05	5.76E-08	-9.24E-06
Contribution to resource use, fossils	MJ	1.34E+02	3.53E+00	7.44E-02	0*	1.29E+02	1.69E+00	-6.91E-01
Contribution to water use	m3 eq	4.89E-01	6.17E-02	3.03E-04	1.74E-04	4.16E-01	1.02E-02	-1.52E-02

Inventory flows Indicators		Galaxy VS UPS - GVSUPS150KHS						
Inventory flows	Unit	Total (without Module D)	[A1 - A3] - Manufacturing	[A4] - Distribution	[A5] - Installation	[B1 - B7] - Use	[C1 - C4] - End of life	[D] - Benefits and loads
Contribution to use of renewable primary energy excluding renewable primary energy used as raw material	MJ	3.00E+01	6.90E-02	0*	4.42E-03	3.00E+01	0*	-2.99E-03
Contribution to use of renewable primary energy resources used as raw material	MJ	5.57E-02	4.78E-02	0*	0*	7.83E-03	0*	-2.02E-02
Contribution to total use of renewable primary energy resources	MJ	3.01E+01	1.17E-01	0*	4.42E-03	3.00E+01	0*	-2.32E-02
Contribution to use of non renewable primary energy excluding non renewable primary energy used as raw material	MJ	1.34E+02	3.49E+00	7.44E-02	0*	1.29E+02	1.69E+00	-6.90E-01
Contribution to use of non renewable primary energy resources used as raw material	MJ	4.72E-02	3.72E-02	0*	0*	9.98E-03	0*	-3.12E-04
Contribution to total use of non-renewable primary energy resources	MJ	1.34E+02	3.53E+00	7.44E-02	0*	1.29E+02	1.69E+00	-6.91E-01
Contribution to use of secondary material	kg	0.00E+00	0.00E+00	0*	0*	0.00E+00	0*	0.00E+00
Contribution to use of renewable secondary fuels	MJ	0.00E+00	0*	0*	0*	0*	0*	0.00E+00
Contribution to use of non renewable secondary fuels	MJ	0.00E+00	0*	0*	0*	0*	0*	0.00E+00
Contribution to net use of freshwater	m³	1.14E-02	1.44E-03	7.07E-06	4.06E-06	9.73E-03	2.37E-04	-3.54E-04
Contribution to hazardous waste disposed	kg	1.35E+00	1.12E+00	0*	0*	2.34E-01	2.16E-03	-7.31E-01
Contribution to non hazardous waste disposed	kg	9.29E-01	1.13E-01	0*	9.75E-04	8.14E-01	1.24E-03	-2.45E-02
Contribution to radioactive waste disposed	kg	2.40E-04	4.38E-05	1.19E-06	6.99E-08	1.95E-04	8.71E-08	-1.15E-05
Contribution to components for reuse	kg	0.00E+00	0*	0*	0*	0*	0*	0.00E+00
Contribution to materials for recycling	kg	1.04E-02	1.84E-03	0*	2.17E-04	1.83E-04	8.17E-03	0.00E+00
Contribution to materials for energy recovery	kg	5.75E-11	3.80E-11	0*	0*	1.94E-11	0*	0.00E+00
Contribution to exported energy	MJ	2.40E-04	1.57E-04	0*	0*	1.84E-06	8.08E-05	0.00E+00

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

Contribution to biogenic carbon content of the product	kg of C	0.00E+00
Contribution to biogenic carbon content of the associated packaging	kg of C	1.28E+01

Declared Unit

Mandatory Indicators		Galaxy VS UPS - GVSUPS150KHS						
Impact indicators	Unit	Total (without Module D)	[A1 - A3] - Manufacturing	[A4] - Distribution	[A5] - Installation	[B1 - B7] - Use	[C1 - C4] - End of life	[D] - Benefits and loads
Contribution to climate change	kg CO2 eq	1.26E+05	4.73E+03	1.34E+02	4.76E+01	1.21E+05	7.11E+02	-7.40E+02
Contribution to climate change-fossil	kg CO2 eq	1.23E+05	4.75E+03	1.34E+02	2.27E+01	1.19E+05	6.99E+02	-7.08E+02
Contribution to climate change-biogenic	kg CO2 eq	2.68E+03	0*	0*	2.48E+01	2.64E+03	1.23E+01	-3.24E+01
Contribution to climate change-land use and land use change	kg CO2 eq	2.81E-03	2.79E-03	0*	0*	6.60E-06	2.09E-05	0.00E+00
Contribution to ozone depletion	kg CFC-11 eq	1.41E-03	7.80E-04	1.19E-04	3.33E-07	7.19E-04	9.56E-07	-1.15E-04
Contribution to acidification	mol H+ eq	6.65E+02	3.42E+01	5.85E-01	7.58E-02	6.36E+02	2.14E+00	-5.08E+00
Contribution to eutrophication, freshwater	kg P eq	3.44E-01	1.44E-02	0*	3.69E-04	2.91E-01	4.15E-02	-1.57E-03
Contribution to eutrophication marine	kg N eq	7.83E+01	3.99E+00	2.69E-01	3.19E-02	7.45E+01	4.83E-01	-4.42E-01
Contribution to eutrophication, terrestrial	mol N eq	1.23E+03	4.33E+01	2.91E+00	2.37E-01	1.19E+03	5.24E+00	-5.00E+00
Contribution to photochemical ozone formation - human health	kg COVNM eq	2.50E+02	1.44E+01	9.55E-01	5.35E-02	2.37E+02	1.68E+00	-1.78E+00
Contribution to resource use, minerals and metals	kg Sb eq	1.04E+00	9.97E-01	0*	0*	3.13E-01	1.30E-03	-2.08E-01
Contribution to resource use, fossils	MJ	3.00E+06	7.94E+04	1.67E+03	0*	2.90E+06	3.79E+04	-1.55E+04
Contribution to water use	m3 eq	1.07E+04	1.39E+03	6.83E+00	3.92E+00	9.37E+03	2.29E+02	-3.42E+02

Inventory flows Indicators		Galaxy VS UPS - GVSUPS150KHS						
Inventory flows	Unit	Total (without Module D)	[A1 - A3] - Manufacturing	[A4] - Distribution	[A5] - Installation	[B1 - B7] - Use	[C1 - C4] - End of life	[D] - Benefits and loads
Contribution to use of renewable primary energy excluding renewable primary energy used as raw material	MJ	6.76E+05	1.55E+03	0*	9.94E+01	6.74E+05	0*	-6.72E+01
Contribution to use of renewable primary energy resources used as raw material	MJ	1.08E+03	1.08E+03	0*	0*	1.76E+02	0*	-4.54E+02
Contribution to total use of renewable primary energy resources	MJ	6.77E+05	2.63E+03	0*	9.94E+01	6.74E+05	0*	-5.21E+02
Contribution to use of non renewable primary energy excluding non renewable primary energy used as raw material	MJ	3.00E+06	7.85E+04	1.67E+03	0*	2.90E+06	3.79E+04	-1.55E+04
Contribution to use of non renewable primary energy resources used as raw material	MJ	8.38E+02	8.38E+02	0*	0*	2.25E+02	0*	-7.02E+00
Contribution to total use of non-renewable primary energy resources	MJ	3.00E+06	7.94E+04	1.67E+03	0*	2.90E+06	3.79E+04	-1.55E+04
Contribution to use of secondary material	kg	0.00E+00	0.00E+00	0*	0*	0.00E+00	0*	0.00E+00
Contribution to use of renewable secondary fuels	MJ	0.00E+00	0*	0*	0*	0*	0*	0.00E+00
Contribution to use of non renewable secondary fuels	MJ	0.00E+00	0*	0*	0*	0*	0*	0.00E+00
Contribution to net use of freshwater	m^3	2.50E+02	3.23E+01	1.59E-01	9.13E-02	2.19E+02	5.34E+00	-7.97E+00
Contribution to hazardous waste disposed	kg	2.85E+04	2.51E+04	0*	0*	5.27E+03	4.87E+01	-1.65E+04
Contribution to non hazardous waste disposed	kg	2.07E+04	2.55E+03	0*	2.19E+01	1.83E+04	2.78E+01	-5.52E+02
Contribution to radioactive waste disposed	kg	5.28E+00	9.85E-01	2.68E-02	1.57E-03	4.38E+00	1.96E-03	-2.58E-01
Contribution to components for reuse	kg	0.00E+00	0*	0*	0*	0*	0*	0.00E+00
Contribution to materials for recycling	kg	2.30E+02	4.14E+01	0*	4.88E+00	4.12E+00	1.84E+02	0.00E+00
Contribution to materials for energy recovery	kg	8.56E-07	8.56E-07	0*	0*	4.37E-07	0*	0.00E+00
Contribution to exported energy	MJ	5.35E+00	3.54E+00	0*	0*	4.14E-02	1.82E+00	0.00E+00

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

Contribution to biogenic carbon content of the product	0	0.00E+00
Contribution to biogenic carbon content of the associated packaging	0	1.28E+01

The calculation result is scientific counting method. For example, 1.37E+06=1.37*10^6=1,370,000, 1.64E-04=1.64*10^(-4)=0.000164

* The calculation of the biogenic carbon is based on the Ademe for the Cardboard (28%), EN16485 for Wood (39,52%), and APESA/RECORD for Paper (37,8%)

Life cycle assessment performed with EIME version v6.2.2, database version 2024-01 in compliance with ISO14044, EF3.1 method is applied, for biogenic carbon storage, assessment methodology -1/1 is used

According to this environmental analysis, proportionality rules may be used to evaluate the impacts of other products of this range, ratios to apply can be provided upon request

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.

For details about eConversion, consult the Schneider-Electric eConversion page: https://www.se.com/ww/en/work/products/product-launch/econversion-high-efficiency-ups-mode/

According to this environmental analysis, proportionality rules may be used to evaluate the impacts of other products of this range. It can be specified that the environmental impacts associated with phases A1–A5 and C1–C4 are proportional to the product's mass, while those for phase B6 are proportional to the energy consumption over the Reference Service Life (RSL).

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Internal	External X		
The PCR review was conducted by a panel of experts chaired by Julie Orgelet (DDemain)			
PEPs are compliant with XP C08-100-1:2016 and EN 50693:2019 or NF E38-500 :2022			
The components of the present PEP may not be compared with components from any other program.			
Document complies with ISO 14025:2006 "Environmental labels and declarations. Type III environmental declarations"			

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