

Product Environmental Profile

Easy UPS 3S





General information

Reference product	Easy UPS 3S - E3SUPS20KHB							
Description of the product	The Schneider Electric Easy UPS 3S is an easy-to-install, easy-to-connect, easy-to-use, and easy-to-service 10-40 kVA 3 phase UPS ideal for small and medium businesses, data centers, and other mission critical applications.							
Description of the range	Easy UPS 3S 20 kVA 400 V 3:3 UPS for internal batteries The representative product of the range is: E3SUPS20KHB The products of the range are: Easy 3S for Internal and External Batteries 10-40 kVA (400V) and 10-20 kVA (208V) 3:3 and 10-30kVA 400V 3:1							
	Linked products	Type	Net weight (kg)	Weight with packaging (kg)	Dimension (mm) HxWxD	Output performance classification	UPS rating (PF=1)	
	E3SUPS10KH	Easy UPS 3S 10 kVA 400 V 3:3 UPS for external batteries	36	50	530x250x700	VFI-SS-111	10 kW/kVA	
	E3SUPS15KH	Easy UPS 3S 15 kVA 400 V 3:3 UPS for external batteries	36	50	530x250x700		15 kW/kVA	
	E3SUPS20KH	Easy UPS 3S 20 kVA 400 V 3:3 UPS for external batteries	58	75	770x250x800		20 kW/kVA	
	E3SUPS30KH	Easy UPS 3S 30 kVA 400 V 3:3 UPS for external batteries	60	77	770x250x800		30 kW/kVA	
	E3SUPS40KH	Easy UPS 3S 40 kVA 400 V 3:3 UPS for external batteries	70	86	770x250x900		40 kW/kVA	
	E3SUPS10KHB	Easy UPS 3S 10 kVA 400 V 3:3 UPS for internal batteries	112	145	1400x380x928		10 kW/kVA	
	E3SUPS15KHB	Easy UPS 3S 15 kVA 400 V 3:3 UPS for internal batteries	112	145	1400x380x928		15 kW/kVA	
	E3SUPS20KHB	Easy UPS 3S 20 kVA 400 V 3:3 UPS for internal batteries	122	158	1400x380x928		20 kW/kVA	
	E3SUPS30KHB	Easy UPS 3S 30 kVA 400 V 3:3 UPS for internal batteries	152	190	1400x500x969		30 kW/kVA	
	E3SUPS40KHB	Easy UPS 3S 40 kVA 400 V 3:3 UPS for internal batteries	158	195	1400x500x969		40 kW/kVA	
	E3SUPS10KHB1	Easy UPS 3S 10 kVA 400V 3:3 UPS, 1 internal 7Ah modular battery string, expandable to 3	139	173	1400x380x928		10 kW/kVA	
	E3SUPS10KHB2	Easy UPS 3S 10 kVA 400V 3:3 UPS, 2 internal 7Ah modular battery string, expandable to 3	166	201	1400x380x928		10 kW/kVA	
	E3SUPS15KHB1	Easy UPS 3S 15 kVA 400V 3:3 UPS, 1 internal 7Ah modular battery string, expandable to 3	139	173	1400x380x928		15 kW/kVA	
	E3SUPS15KHB2	Easy UPS 3S 15 kVA 400V 3:3 UPS, 2 internal 7Ah modular battery string, expandable to 3	166	201	1400x380x928		15 kW/kVA	
	E3SUPS20KHB1	Easy UPS 3S 20 kVA 400V 3:3 UPS, 2 internal 7Ah modular battery string, expandable to 3	176	214	1400x380x928		20 kW/kVA	
	E3SUPS20KHB2	Easy UPS 3S 20 kVA 400V 3:3 UPS, 3 internal 7Ah modular battery string	203	242	1400x380x928		20 kW/kVA	
	E3SUPS30KHB1	Easy UPS 3S 30 kVA 400V 3:3 UPS, 2 internal 7Ah modular battery string, expandable to 4	206	246	1400x500x969		30 kW/kVA	
	E3SUPS30KHB2	Easy UPS 3S 30 kVA 400V 3:3 UPS, 4 internal 7Ah modular battery string	260	302	1400x500x969		30 kW/kVA	
	E3SUPS40KHB1	Easy UPS 3S 40 kVA 400V 3:3 UPS, 3 internal 7Ah modular battery string, expandable to 4	239	279	1400x500x969		40 kW/kVA	
	E3SUPS40KHB2	Easy UPS 3S 40 kVA 400V 3:3 UPS, 4 internal 7Ah modular battery string	266	307	1400x500x969		40 kW/kVA	
	E3SUPS10K3I	Easy UPS 3S 10 kVA 400 V 3:1 UPS for external batteries	36	50	530x250x700		10 kW/kVA	
	E3SUPS15K3I	Easy UPS 3S 15 kVA 400 V 3:1 UPS for external batteries	36	50	530x250x700		15 kW/kVA	
	E3SUPS20K3I	Easy UPS 3S 20 kVA 400 V 3:1 UPS for external batteries	58	75	770x250x800		20 kW/kVA	
	E3SUPS30K3I	Easy UPS 3S 30 kVA 400 V 3:1 UPS for external batteries	60	77	770x250x800		30 kW/kVA	
	E3SUPS10K3IB	Easy UPS 3S 10 kVA 400 V 3:1 UPS for internal batteries	130	145	1400x380x907		10 kW/kVA	
	E3SUPS15K3IB	Easy UPS 3S 15 kVA 400 V 3:1 UPS for internal batteries	130	145	1400x380x907		15 kW/kVA	
	E3SUPS20K3IB	Easy UPS 3S 20 kVA 400 V 3:1 UPS for internal batteries	150	158	1400x380x907		20 kW/kVA	
	E3SUPS30K3IB	Easy UPS 3S 30 kVA 400 V 3:1 UPS for internal batteries	185	185	1400x500x996		30 kW/kVA	
	E3SUPS10K3IB1	Easy UPS 3S 10 kVA 400V 3:1 UPS, 1 internal 7Ah modular battery string, expandable to 3	157	173	1400x380x907		10 kW/kVA	
	E3SUPS10K3IB2	Easy UPS 3S 10 kVA 400V 3:1 UPS, 2 internal 7Ah modular battery strings, expandable to 3	184	201	1400x380x907		10 kW/kVA	
	E3SUPS15K3IB1	Easy UPS 3S 15 kVA 400V 3:1 UPS, 1 internal 7Ah modular battery string, expandable to 3	157	173	1400x380x907		15 kW/kVA	
	E3SUPS15K3IB2	Easy UPS 3S 15 kVA 400V 3:1 UPS, 2 internal 7Ah modular battery strings, expandable to 3	184	201	1400x380x907		15 kW/kVA	
	E3SUPS20K3IB1	Easy UPS 3S 20 kVA 400V 3:1 UPS, 2 internal 7Ah modular battery strings, expandable to 3	204	214	1400x380x907		20 kW/kVA	
	E3SUPS20K3IB2	Easy UPS 3S 20 kVA 400V 3:1 UPS, 3 internal 7Ah modular battery strings	231	242	1400x380x907		20 kW/kVA	
	E3SUPS30K3IB1	Easy UPS 3S 30 kVA 400V 3:1 UPS, 2 internal 7Ah modular battery strings, expandable to 4	239	241	1400x500x996		30 kW/kVA	
	E3SUPS30K3IB2	Easy UPS 3S 30 kVA 400V 3:1 UPS, 4 internal 7Ah modular battery strings	293	297	1400x500x996		30 kW/kVA	
	E3SUPS10KFB1	Easy UPS 3S 10 kVA 208 V 3:3 UPS 15 minutes runtime	58	75	770x250x800		10 kW/kVA	
	E3SUPS15KFB1	Easy UPS 3S 15 kVA 208 V 3:3 UPS 9 minutes runtime	60	77	770x250x800		15 kW/kVA	
	E3SUPS20KFB1	Easy UPS 3S 20 kVA 208 V 3:3 UPS 10 minutes runtime	70	86	770x250x900		20 kW/kVA	
Functional unit	To ensure the supply of power to remain within specified characteristics to equipment with load of 20kW for a RSL of 15 year.							

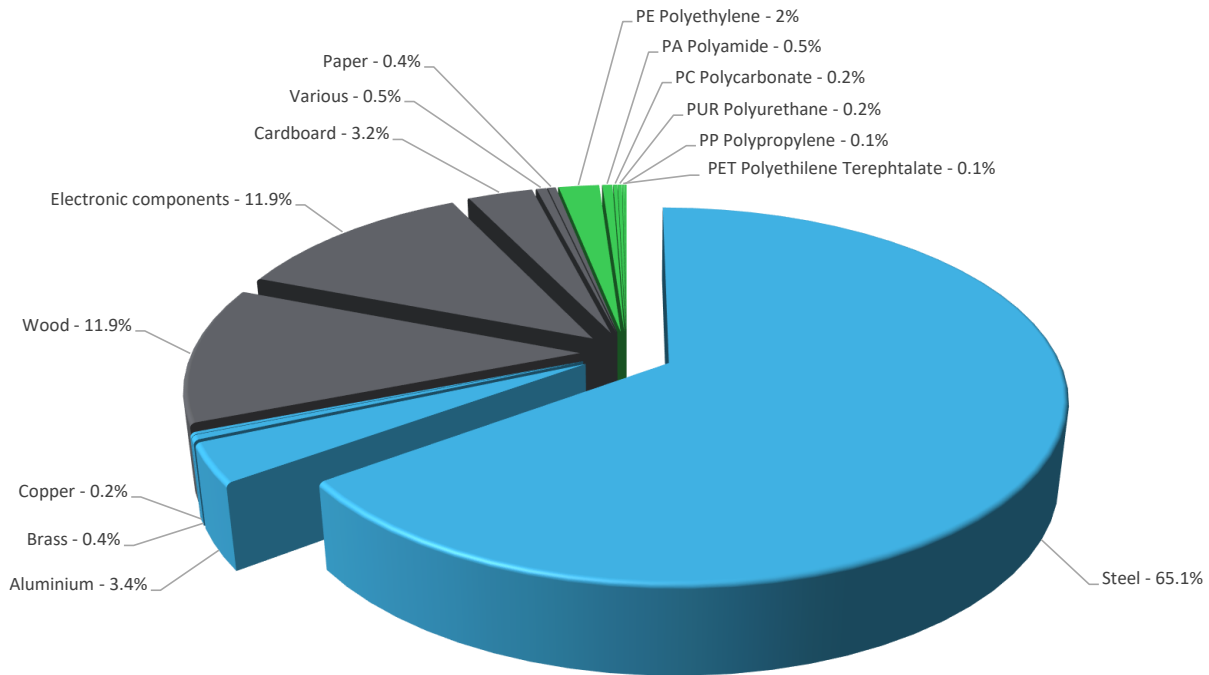


Constituent materials

Reference product mass

158 kg

including the product, its packaging and additional elements and accessories



Plastics	3.10%
Metals	69.10%
Others	27.80%



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 Green Premium website

<https://www.se.com/ww/en/work/support/green-premium/>



Additional environmental information

End Of Life

Recyclability potential:

82%

The recyclability rate was calculated from the recycling rates of each material making up the product with the exception of data using the ESR database. For materials or components using the ESR database or the absence of data the conservative hypothesis "0% recyclability" was used.



Environmental impacts

Reference service life time	15 years				
Product category	Uninterruptible Power Supply (UPS) - without energy storage system incorporated - P > 10000W				
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 referent UPS is modeled to operate in normal mode (average efficiency of 95.6% and annual use of 3767kWh) 100% of the time after 15 years.				
	Linked products	Type (400V UPS system)	Average energy efficiency	Electricity consumption (kWh over 15 years)	
	E3SUPS10KH	Easy UPS 3S 10 kVA 400 V 3:3 UPS for external batteries	95.1%	31,618	
	E3SUPS15KH	Easy UPS 3S 15 kVA 400 V 3:3 UPS for external batteries	94.8%	50,014	
	E3SUPS20KH	Easy UPS 3S 20 kVA 400 V 3:3 UPS for external batteries	95.6%	56,502	
	E3SUPS30KH	Easy UPS 3S 30 kVA 400 V 3:3 UPS for external batteries	95.7%	83,028	
	E3SUPS40KH	Easy UPS 3S 40 kVA 400 V 3:3 UPS for external batteries	95.6%	113,333	
	E3SUPS10KHB	Easy UPS 3S 10 kVA 400 V 3:3 UPS for internal batteries	95.1%	31,618	
	E3SUPS15KHB	Easy UPS 3S 15 kVA 400 V 3:3 UPS for internal batteries	94.8%	50,014	
	E3SUPS20KHB	Easy UPS 3S 20 kVA 400 V 3:3 UPS for internal batteries	95.6%	56,502	
	E3SUPS30KHB	Easy UPS 3S 30 kVA 400 V 3:3 UPS for internal batteries	95.7%	83,028	
	E3SUPS40KHB	Easy UPS 3S 40 kVA 400 V 3:3 UPS for internal batteries	95.6%	113,333	
	E3SUPS10KHB1	Easy UPS 3S 10 kVA 400V 3:3 UPS, 1 internal 7Ah modular battery string, expandable to 3	95.1%	31,618	
	E3SUPS10KHB2	Easy UPS 3S 10 kVA 400V 3:3 UPS, 2 internal 7Ah modular battery string, expandable to 3	95.1%	31,618	
	E3SUPS15KHB1	Easy UPS 3S 15 kVA 400V 3:3 UPS, 1 internal 7Ah modular battery string, expandable to 3	94.8%	50,014	
	E3SUPS15KHB2	Easy UPS 3S 15 kVA 400V 3:3 UPS, 2 internal 7Ah modular battery string, expandable to 3	94.8%	50,014	
	E3SUPS20KHB1	Easy UPS 3S 20 kVA 400V 3:3 UPS, 2 internal 7Ah modular battery string, expandable to 3	95.6%	56,502	
	E3SUPS20KHB2	Easy UPS 3S 20 kVA 400V 3:3 UPS, 3 internal 7Ah modular battery string	95.6%	56,502	
	E3SUPS30KHB1	Easy UPS 3S 30 kVA 400V 3:3 UPS, 2 internal 7Ah modular battery string, expandable to 4	95.7%	83,028	
	E3SUPS30KHB2	Easy UPS 3S 30 kVA 400V 3:3 UPS, 4 internal 7Ah modular battery string	95.7%	83,028	
	E3SUPS40KHB1	Easy UPS 3S 40 kVA 400V 3:3 UPS, 3 internal 7Ah modular battery string, expandable to 4	95.6%	113,333	
	E3SUPS40KHB2	Easy UPS 3S 40 kVA 400V 3:3 UPS, 4 internal 7Ah modular battery string	95.6%	113,333	
	E3SUPS10K3I	Easy UPS 3S 10 kVA 400 V 3:1 UPS for external batteries	94.9%	33,096	
	E3SUPS15K3I	Easy UPS 3S 15 kVA 400 V 3:1 UPS for external batteries	94.8%	51,000	
	E3SUPS20K3I	Easy UPS 3S 20 kVA 400 V 3:1 UPS for external batteries	95.2%	61,594	
	E3SUPS30K3I	Easy UPS 3S 30 kVA 400 V 3:1 UPS for external batteries	95.4%	90,912	
	E3SUPS10K3IB	Easy UPS 3S 10 kVA 400 V 3:1 UPS for internal batteries	94.9%	33,096	
E3SUPS15K3IB	Easy UPS 3S 15 kVA 400 V 3:1 UPS for internal batteries	94.8%	51,000		
E3SUPS20K3IB	Easy UPS 3S 20 kVA 400 V 3:1 UPS for internal batteries	95.2%	61,594		
E3SUPS30K3IB	Easy UPS 3S 30 kVA 400 V 3:1 UPS for internal batteries	95.4%	90,912		
E3SUPS10K3IB1	Easy UPS 3S 10 kVA 400V 3:1 UPS, 1 internal 7Ah modular battery string, expandable to 3	94.9%	33,096		
E3SUPS10K3IB2	Easy UPS 3S 10 kVA 400V 3:1 UPS, 2 internal 7Ah modular battery strings, expandable to 3	94.9%	33,096		
E3SUPS15K3IB1	Easy UPS 3S 15 kVA 400V 3:1 UPS, 1 internal 7Ah modular battery string, expandable to 3	94.8%	51,000		
E3SUPS15K3IB2	Easy UPS 3S 15 kVA 400V 3:1 UPS, 2 internal 7Ah modular battery strings, expandable to 3	94.8%	51,000		
E3SUPS20K3IB1	Easy UPS 3S 20 kVA 400V 3:1 UPS, 2 internal 7Ah modular battery strings, expandable to 3	95.2%	61,594		
E3SUPS20K3IB2	Easy UPS 3S 20 kVA 400V 3:1 UPS, 3 internal 7Ah modular battery strings	95.2%	61,594		
E3SUPS30K3IB1	Easy UPS 3S 30 kVA 400V 3:1 UPS, 2 internal 7Ah modular battery strings, expandable to 4	95.4%	90,912		
E3SUPS30K3IB2	Easy UPS 3S 30 kVA 400V 3:1 UPS, 4 internal 7Ah modular battery strings	95.4%	90,912		
	Type (208V UPS system)	Average energy efficiency	Electricity consumption (kWh over 15 years)		
E3SUPS10KFB1	Easy UPS 3S 10 kVA 208 V 3:3 UPS 15 minutes runtime	91.7%	53,546		
E3SUPS15KFB1	Easy UPS 3S 15 kVA 208 V 3:3 UPS 9 minutes runtime	92.7%	73,420		
E3SUPS20KFB1	Easy UPS 3S 20 kVA 208 V 3:3 UPS 10 minutes runtime	93.2%	90,009		
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 repr��sentaive of the actual type of technologies used to make the product.				
Geographical representativeness	Europe				
Energy model used	[A1 - A3]	[A5]	[B6]	[C1 - C4]	
	Electricity Mix; Low voltage; 2018; China, CN	Electricity Mix; Low voltage; 2018; Europe, EU-27	Electricity Mix; Low voltage; 2018; Europe, EU-27	Electricity Mix; Low voltage; 2018; Europe, EU-27	

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.schneider-electric.com/contact>

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

Mandatory Indicators			Easy UPS 3S - E3SUPS20KHB					
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	2.51E+04	1.52E+03	3.08E+01	3.07E+01	2.32E+04	3.57E+02	-4.63E+02
Contribution to climate change-fossil	kg CO2 eq	2.50E+04	1.52E+03	3.08E+01	1.26E+01	2.31E+04	3.57E+02	-4.59E+02
Contribution to climate change-biogenic	kg CO2 eq	5.59E+01	6.75E+00	0*	1.82E+01	3.09E+01	8.51E-02	-3.80E+00
Contribution to climate change-land use and land use change	kg CO2 eq	4.50E-04	4.43E-04	0*	6.48E-06	0*	9.46E-07	0.00E+00
Contribution to ozone depletion	kg CFC-11 eq	2.92E-04	1.92E-04	4.72E-08	1.50E-07	9.90E-05	2.74E-07	-6.72E-05
Contribution to acidification	mol H+ eq	1.45E+02	1.17E+01	1.95E-01	2.46E-02	1.32E+02	1.09E+00	-2.81E+00
Contribution to eutrophication, freshwater	kg (PO4) ³⁻ eq	7.18E-02	5.76E-03	1.15E-05	1.61E-04	6.34E-02	2.48E-03	-1.02E-03
Contribution to eutrophication marine	kg N eq	1.68E+01	1.46E+00	9.13E-02	9.70E-03	1.50E+01	2.44E-01	-2.71E-01
Contribution to eutrophication, terrestrial	mol N eq	2.45E+02	1.61E+01	1.00E+00	8.27E-02	2.26E+02	2.64E+00	-3.10E+00
Contribution to photochemical ozone formation - human health	kg COVNM eq	5.45E+01	5.16E+00	2.53E-01	1.85E-02	4.82E+01	8.72E-01	-1.07E+00
Contribution to resource use, minerals and metals	kg Sb eq	2.58E-01	2.56E-01	0*	0*	1.68E-03	6.72E-05	-1.19E-01
Contribution to resource use, fossils	MJ	6.44E+05	3.24E+04	4.29E+02	6.92E+01	5.90E+05	2.07E+04	-9.82E+03
Contribution to water use	m3 eq	1.43E+03	4.99E+02	0*	4.71E+00	8.19E+02	1.08E+02	-1.78E+02

Inventory flows Indicators			Easy UPS 3S - E3SUPS20KHB					
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	1.14E+05	4.88E+02	0*	9.09E+01	1.13E+05	0*	-9.89E+01
Contribution to use of renewable primary energy resources used as raw material	MJ	6.25E+02	6.25E+02	0*	0*	0*	0*	-1.89E+02
Contribution to total use of renewable primary energy resources	MJ	1.15E+05	1.11E+03	0*	9.09E+01	1.13E+05	0*	-2.87E+02
Contribution to use of non renewable primary energy excluding non renewable primary energy used as raw material	MJ	6.43E+05	3.20E+04	4.29E+02	6.92E+01	5.90E+05	2.07E+04	-9.76E+03
Contribution to use of non renewable primary energy resources used as raw material	MJ	4.44E+02	4.44E+02	0*	0*	0*	0*	-5.51E+01
Contribution to total use of non-renewable primary energy resources	MJ	6.44E+05	3.24E+04	4.29E+02	6.92E+01	5.90E+05	2.07E+04	-9.82E+03
Contribution to use of secondary material	kg	3.86E-02	3.86E-02	0*	0*	0*	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	3.33E+01	1.16E+01	0*	1.10E-01	1.91E+01	2.52E+00	-4.15E+00
Contribution to hazardous waste disposed	kg	1.45E+04	1.41E+04	0*	0*	4.33E+02	1.80E+01	-9.42E+03
Contribution to non hazardous waste disposed	kg	4.29E+03	9.34E+02	1.08E+00	1.66E+01	3.33E+03	5.93E+00	-4.29E+02
Contribution to radioactive waste disposed	kg	1.12E+00	4.18E-01	7.69E-04	8.52E-04	6.97E-01	9.12E-04	-2.35E-01
Contribution to components for reuse	kg	0.00E+00	0*	0*	0*	0*	0*	0.00E+00
Contribution to materials for recycling	kg	1.41E+02	3.18E+01	0*	6.93E+00	0*	1.02E+02	0.00E+00
Contribution to materials for energy recovery	kg	2.15E-07	2.15E-07	0*	0*	0*	0*	0.00E+00
Contribution to exported energy	MJ	5.36E+00	4.12E+00	0*	2.33E-01	0*	1.01E+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	kg of C	0.00E+00
Contribution to biogenic carbon content of the associated packaging	kg of C	8.66E+00

**** Net benefits and loads beyond the system boundaries stage (module D): potential for reuse, recovery and/or recycling, expressed as net benefits and impacts. *Not accounted in the Total.***

Life cycle assessment performed with EIME version v6.1, database version 2023-02 in compliance with ISO14044, EF 3.0 method is applied, for biogenic carbon storage, assessment methodology 0/0 is used

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.

 Extrapolated data

400V UPS system		Easy UPS 3S 3:3 UPS for external batteries				
kW rating		10	15	20	30	40
Product information	Weight with Packaging (kg)	50	50	75	77	86
Compulsory environmental indicators Total of Life Cycle Phases UPS in normal mode (double conversion)	Contribution to climate change (kg CO2 eq)	1.36E+04	2.11E+04	2.41E+04	3.50E+04	4.75E+04
	Contribution to Ozone depletion (kg CFC11 eq)	1.16E-04	1.49E-04	1.90E-04	2.39E-04	3.03E-04
	Contribution to Acidification (mol H+ eq)	7.81E+01	1.21E+02	1.38E+02	2.01E+02	2.72E+02
	Contribution to eutrophication, freshwater (kg PO43- eq)	3.81E-02	5.88E-02	6.74E-02	9.73E-02	1.32E-01
	Contribution to eutrophication marine (kg N eq)	8.97E+00	1.39E+01	1.59E+01	2.29E+01	3.11E+01
	Contribution to eutrophication, terrestrial (mol N eq)	1.33E+02	2.06E+02	2.35E+02	3.41E+02	4.63E+02
	Contribution to photochemical ozone formation - human health (kg COVNM eq)	2.90E+01	4.47E+01	5.12E+01	7.39E+01	1.00E+02
	Contribution to resource use, minerals and metals (kgSbeq)	8.21E-02	8.26E-02	1.23E-01	1.27E-01	1.43E-01
	Total use of primary energy (MJ)	4.11E+05	6.40E+05	7.29E+05	1.06E+06	1.44E+06
	Contribution to water use (m3 eq)	6.52E+02	9.19E+02	1.11E+03	1.50E+03	1.98E+03

400V UPS system		Easy UPS 3S 3:3 UPS for internal batteries				
kW rating		10	15	20	30	40
Product information	Weight with Packaging (kg)	145	145	158	190	195
Compulsory environmental indicators Total of Life Cycle Phases UPS in normal mode (double conversion)	Contribution to climate change (kg CO2 eq)	1.47E+04	2.23E+04	2.51E+04	3.64E+04	4.88E+04
	Contribution to Ozone depletion (kg CFC11 eq)	2.32E-04	2.64E-04	2.92E-04	3.77E-04	4.36E-04
	Contribution to Acidification (mol H+ eq)	8.59E+01	1.29E+02	1.45E+02	2.10E+02	2.81E+02
	Contribution to eutrophication, freshwater (kg PO43- eq)	4.32E-02	6.38E-02	7.18E-02	1.03E-01	1.38E-01
	Contribution to eutrophication marine (kg N eq)	1.01E+01	1.49E+01	1.68E+01	2.42E+01	3.23E+01
	Contribution to eutrophication, terrestrial (mol N eq)	1.44E+02	2.18E+02	2.45E+02	3.55E+02	4.77E+02
	Contribution to photochemical ozone formation - human health (kg COVNM eq)	3.28E+01	4.85E+01	5.45E+01	7.84E+01	1.04E+02
	Contribution to resource use, minerals and metals (kgSbeq)	2.36E-01	2.37E-01	2.58E-01	3.11E-01	3.20E-01
	Total use of primary energy (MJ)	4.44E+05	6.73E+05	7.58E+05	1.10E+06	1.48E+06
	Contribution to water use (m3 eq)	1.02E+03	1.29E+03	1.43E+03	1.94E+03	2.40E+03

400V UPS system				Easy UPS 3S 3:3 UPS, internal 7Ah modular battery string							
kW rating		10		15		20		30		40	
Product information	Quantity modular battery string	1	2	1	2	2	3	2	4	3	4
	Weight with Packaging (kg)	173	201	173	201	214	242	246	302	279	307
Compulsory environmental indicators Total of Life Cycle Phases UPS in normal mode (double conversion)	Contribution to climate change (kg CO2 eq)	1.51E+04	1.54E+04	2.26E+04	2.30E+04	2.58E+04	2.61E+04	3.71E+04	3.77E+04	4.99E+04	5.02E+04
	Contribution to Ozone depletion (kg CFC11 eq)	2.66E-04	3.01E-04	2.99E-04	3.33E-04	3.60E-04	3.94E-04	4.46E-04	5.14E-04	5.39E-04	5.73E-04
	Contribution to Acidification (mol H+ eq)	8.82E+01	9.05E+01	1.31E+02	1.34E+02	1.50E+02	1.52E+02	2.14E+02	2.19E+02	2.88E+02	2.90E+02
	Contribution to eutrophication, freshwater (kg PO43- eq)	4.47E-02	4.62E-02	6.53E-02	6.68E-02	7.48E-02	7.63E-02	1.06E-01	1.09E-01	1.42E-01	1.44E-01
	Contribution to eutrophication marine (kg N eq)	1.04E+01	1.07E+01	1.53E+01	1.56E+01	1.75E+01	1.78E+01	2.49E+01	2.55E+01	3.33E+01	3.36E+01
	Contribution to eutrophication, terrestrial (mol N eq)	1.48E+02	1.52E+02	2.21E+02	2.25E+02	2.52E+02	2.56E+02	3.62E+02	3.69E+02	4.88E+02	4.91E+02
	Contribution to photochemical ozone formation - human health (kg COVNM eq)	3.39E+01	3.50E+01	4.96E+01	5.07E+01	5.67E+01	5.79E+01	8.06E+01	8.29E+01	1.08E+02	1.09E+02
	Contribution to resource use, minerals and metals (kgSbeq)	2.82E-01	3.27E-01	2.82E-01	3.28E-01	3.49E-01	3.94E-01	4.02E-01	4.93E-01	4.56E-01	5.02E-01
	Total use of primary energy (MJ)	4.54E+05	4.63E+05	6.83E+05	6.92E+05	7.78E+05	7.87E+05	1.12E+06	1.14E+06	1.51E+06	1.52E+06
	Contribution to water use (m3 eq)	1.13E+03	1.24E+03	1.40E+03	1.50E+03	1.65E+03	1.76E+03	2.16E+03	2.37E+03	2.72E+03	2.83E+03

400V UPS system				Easy UPS 3S 3:1 UPS for external batteries			
kW rating		10		15		20	
Product information	Weight with Packaging (kg)	50		50		75	
Compulsory environmental indicators Total of Life Cycle Phases UPS in normal mode (double conversion)	Contribution to climate change (kg CO2 eq)	1.42E+04		2.15E+04		2.62E+04	
	Contribution to Ozone depletion (kg CFC11 eq)	1.19E-04		1.50E-04		1.99E-04	
	Contribution to Acidification (mol H+ eq)	8.15E+01		1.23E+02		1.50E+02	
	Contribution to eutrophication, freshwater (kg PO43- eq)	3.98E-02		5.99E-02		7.31E-02	
	Contribution to eutrophication marine (kg N eq)	9.36E+00		1.41E+01		1.72E+01	
	Contribution to eutrophication, terrestrial (mol N eq)	1.38E+02		2.10E+02		2.55E+02	
	Contribution to photochemical ozone formation - human health (kg COVNM eq)	3.02E+01		4.55E+01		5.55E+01	
	Contribution to resource use, minerals and metals (kgSbeq)	8.21E-02		8.27E-02		1.24E-01	
	Total use of primary energy (MJ)	4.29E+05		6.52E+05		7.93E+05	
	Contribution to water use (m3 eq)	6.74E+02		9.33E+02		1.18E+03	

400V UPS system				Easy UPS 3S 3:1 UPS for internal batteries			
kW rating		10		15		20	
Product information	Weight with Packaging (kg)	145		145		158	
Compulsory environmental indicators Total of Life Cycle Phases UPS in normal mode (double conversion)	Contribution to climate change (kg CO2 eq)	1.53E+04		2.27E+04		2.72E+04	
	Contribution to Ozone depletion (kg CFC11 eq)	2.35E-04		2.66E-04		3.01E-04	
	Contribution to Acidification (mol H+ eq)	8.93E+01		1.31E+02		1.57E+02	
	Contribution to eutrophication, freshwater (kg PO43- eq)	4.49E-02		6.49E-02		7.75E-02	
	Contribution to eutrophication marine (kg N eq)	1.05E+01		1.52E+01		1.82E+01	
	Contribution to eutrophication, terrestrial (mol N eq)	1.50E+02		2.22E+02		2.66E+02	
	Contribution to photochemical ozone formation - human health (kg COVNM eq)	3.02E+01		4.55E+01		5.55E+01	
	Contribution to resource use, minerals and metals (kgSbeq)	2.36E-01		2.37E-01		2.58E-01	
	Total use of primary energy (MJ)	4.62E+05		6.85E+05		8.22E+05	
	Contribution to water use (m3 eq)	1.04E+03		1.30E+03		1.51E+03	

400V UPS system					Easy UPS 3S 3:1 UPS, internal 7Ah modular battery string				
kW rating		10		15		20		30	
Product information	Quantity modular battery string	1	2	1	2	2	3	2	4
	Weight with Packaging (kg)	173	201	173	201	214	242	241	297
Compulsory environmental indicators Total of Life Cycle Phases UPS in normal mode (double conversion)	Contribution to climate change (kg CO2 eq)	1.57E+04	1.60E+04	2.30E+04	2.34E+04	2.79E+04	2.82E+04	4.02E+04	4.09E+04
	Contribution to Ozone depletion (kg CFC11 eq)	2.69E-04	3.03E-04	3.00E-04	3.34E-04	3.69E-04	4.03E-04	4.53E-04	5.22E-04
	Contribution to Acidification (mol H+ eq)	9.16E+01	9.39E+01	1.34E+02	1.36E+02	1.62E+02	1.64E+02	2.32E+02	2.37E+02
	Contribution to eutrophication, freshwater (kg PO43- eq)	4.63E-02	4.78E-02	6.64E-02	6.79E-02	8.05E-02	8.20E-02	1.15E-01	1.18E-01
	Contribution to eutrophication marine (kg N eq)	1.08E+01	1.11E+01	1.55E+01	1.58E+01	1.88E+01	1.91E+01	2.69E+01	2.75E+01
	Contribution to eutrophication, terrestrial (mol N eq)	1.54E+02	1.57E+02	2.25E+02	2.29E+02	2.73E+02	2.76E+02	3.93E+02	4.00E+02
	Contribution to photochemical ozone formation - human health (kg COVNM eq)	3.51E+01	3.63E+01	5.04E+01	5.15E+01	6.11E+01	6.22E+01	8.72E+01	8.94E+01
	Contribution to resource use, minerals and metals (kgSbeq)	2.82E-01	3.27E-01	2.82E-01	3.28E-01	3.49E-01	3.95E-01	3.94E-01	4.85E-01
	Total use of primary energy (MJ)	4.72E+05	4.82E+05	6.95E+05	7.05E+05	8.41E+05	8.51E+05	1.22E+06	1.23E+06
	Contribution to water use (m3 eq)	1.15E+03	1.26E+03	1.41E+03	1.52E+03	1.72E+03	1.83E+03	2.25E+03	2.47E+03

280V UPS system					Easy UPS 3S 3:3 UPS				
kW rating		10		15		20			
Product information	Weight with Packaging (kg)	75		77		86			
Compulsory environmental indicators Total of Life Cycle Phases UPS in normal mode (double conversion)	Contribution to climate change (kg CO2 eq)	2.29E+04		3.10E+04		3.79E+04			
	Contribution to Ozone depletion (kg CFC11 eq)	1.85E-04		2.23E-04		2.63E-04			
	Contribution to Acidification (mol H+ eq)	1.31E+02		1.78E+02		2.18E+02			
	Contribution to eutrophication, freshwater (kg PO43- eq)	6.41E-02		8.65E-02		1.06E-01			
	Contribution to eutrophication marine (kg N eq)	1.51E+01		2.04E+01		2.49E+01			
	Contribution to eutrophication, terrestrial (mol N eq)	2.23E+02		3.03E+02		3.70E+02			
	Contribution to photochemical ozone formation - human health (kg COVNM eq)	4.87E+01		6.57E+01		8.02E+01			
	Contribution to resource use, minerals and metals (kgSbeq)	1.23E-01		1.27E-01		1.42E-01			
	Total use of primary energy (MJ)	6.93E+05		9.41E+05		1.15E+06			
	Contribution to water use (m3 eq)	1.07E+03		1.36E+03		1.64E+03			

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		Validity period	5 years
Independent verification of the declaration and data, in compliance with ISO 14021 : 2016			
Internal X External			
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 14021:2016 "Environmental labels and declarations. Type II environmental declarations"			

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