



Easy UPS 3S USV 10 kVA 400V 3:3
USV, 2 interne 7Ah modulare
Batteriestränge, erweiterbar auf 3

E3SUPS10KHB2

Demnächst nicht mehr
lieferbar

Der Verkauf wird eingestellt am: 31.03.2027

Der Service wird eingestellt am: 30.09.2036

Übersicht

Ausführung	Hocheffiziente dreiphasige USV mit internen Batterien. Die USV bietet modernste Funktionen, herausragende Spezifikationen und robuste Elektrik – für maximale Geschäftskontinuität im Datacenter oder Technikraum. Diese USV mit 10 kVA lässt sich leicht installieren, bedienen und warten. Sie eignet sich ideal für kleine und mittlere Unternehmen. Das System enthält Staubfilter und speziell beschichtete Leiterplatten für anspruchsvolle Raumbedingungen.
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Hauptmerkmale

Main input voltage	400 V AC 3 Phasen 380 V AC 3 Phasen 415 V AC 3 Phasen
Other input voltage	380 V 415 V
Maximum input current	18 A
Input harmonic distortion	Weniger als 3 % bei Volllast
Load power factor	0,9 voreilend bis 0,9 nacheilend
Cos phi	0,99
Efficiency at full load	304 - 477 V
Input frequency	45 - 65 Hz
Output voltage	400 V AC 3 Phasen 380 V AC 3 Phasen 415 V AC 3 Phasen
Other output voltage	380 V 415 V
Rated power in W	10 kW
Rated power in VA	10 kVA
Harmonic distortion	Weniger als 3 %
Maximum configurable power in VA	10 kVA
Maximum configurable power in W	10 kW
Output harmonic distortion	< 3% linear load
Output voltage tolerance	+/-1,5 %
UPS topology	Online-Doppelwandlung
Output frequency	50 Hz Netzsynchroisation 60 Hz Netzsynchroisation

Zusatzmerkmale

Bruttopreisliste für Deutschland zuzüglich Zuschläge, Frachtkosten und Mehrwertsteuer, gültig ab dem 1. Januar 2024. Irrtum und Änderungen vorbehalten. Es gelten die AGBs der Schneider Electric GmbH.

Haftungsausschluss: Diese Dokumentation dient nicht als Ersatz für die Beurteilung der Eignung oder Verlässlichkeit dieser Produkte für bestimmte Verwendungsbereiche des Benutzers und darf nicht zu diesem Zweck verwendet werden.

Additional information	Das Gewicht der USV beinhaltet nicht das Gewicht der Batterie.
Maximum short-circuit current	10 kA
Battery type	Blei-Säure internal
UPS connectivity	Optional network management card 3
Color	Weiß (RAL 9003)
Height	140 cm
Width	38 cm
Depth	92,8 cm
Product weight	112 kg
USB compatible	Yes
Provided equipment	Staubfilter Installationsanleitung
Range of product	Easy UPS 3S
Product or component type	Unterbrechungsfreie Stromversorgung

Montage

Product certification	CE EAC RCM
Ambient air temperature for operation	0...40 °C
Ambient air temperature for storage	-15...40 °C
Storage altitude	0...15240 m
IP protection	IP20
Relative humidity	0...95 % nicht kondensierend
Storage relative humidity	0...95 % nicht kondensierend
Acoustic level	60 dBA
Heat dissipation	516 W
Operating altitude	0 - 3.333 ft

Batterien und Überbrückungszeit

Battery type	VRLA
Battery voltage	240 V
Included battery module	2
Empty battery slot	1

Verpackungseinheiten

VPE 1 Art	PCE
Anzahl der Geräte pro Packung	1
VPE 1 Höhe	164 cm
VPE 1 Breite	101,4 cm
VPE 1 Länge	56,3 cm
Verpackungsgewicht (Lbs)	145 kg

Vertragliche Gewährleistung

Garantie (in Monaten)	12
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Schneider Electric hat sich zum Ziel gesetzt, den Net Zero-Status bis 2050 durch Lieferkettenpartnerschaften, Materialien mit geringerer Auswirkung und Kreislaufbildung über unsere laufende Kampagne "Use Better, Use Longer, Use Again" zu erreichen, um die Lebensdauer und Recyclingfähigkeit der Produkte zu verlängern.

Erläuterung der Environmental Data >

Wie wir die Produktnachhaltigkeit bewerten >

Umweltbilanz	
Total lifecycle Carbon footprint	22 294 kg CO2 eq.
CO ₂ -Fußabdruck der Herstellungsphase [A1 bis A3]	1 938 kg CO2 eq.
CO ₂ -Fußabdruck der Distributionsphase [A4]	39 kg CO2 eq.
CO ₂ -Fußabdruck der Installationsphase [A5]	39 kg CO2 eq.
CO ₂ -Fußabdruck der Nutzungsphase [B2, B3, B4, B6]	19 824 kg CO2 eq.
CO ₂ -Fußabdruck der End-of-Life-Phase [C1 bis C4]	454 kg CO2 eq.
Umweltproduktdeklaration	Produktumweltprofil

Use Better

Materialien und Verpackung	
Verpackung mit Recycling-Karton	Nein
Verpackung ohne Kunststoff	Nein
SCIP-Nummer	Dc6af940-cee3-4c52-a4a7-fc487db91a72
EU-RoHS-Richtlinie	Freistellungskonform
REACH-Verordnung	Produkt beinhaltet besorgniserregende Stoffe (SVHC) über dem Schwellwert

Use Again

Reproduktion	
Recyclingfähigkeitspotential in %	82
Circular Economy-Eignung	Entsorgungsinformationen
Rücknahme	Ja
WEEE-Kennzeichnung	 Das Produkt muss entsprechend bestimmter Hinweise auf Märkten der Europäischen Union entsorgt werden und darf nicht in Haushaltsabfälle gelangen.

Image of product / Alternate images

Alternative





Product Environmental Profile

Easy UPS 3S



ENVPEP2111020_V2-EN 07-2024

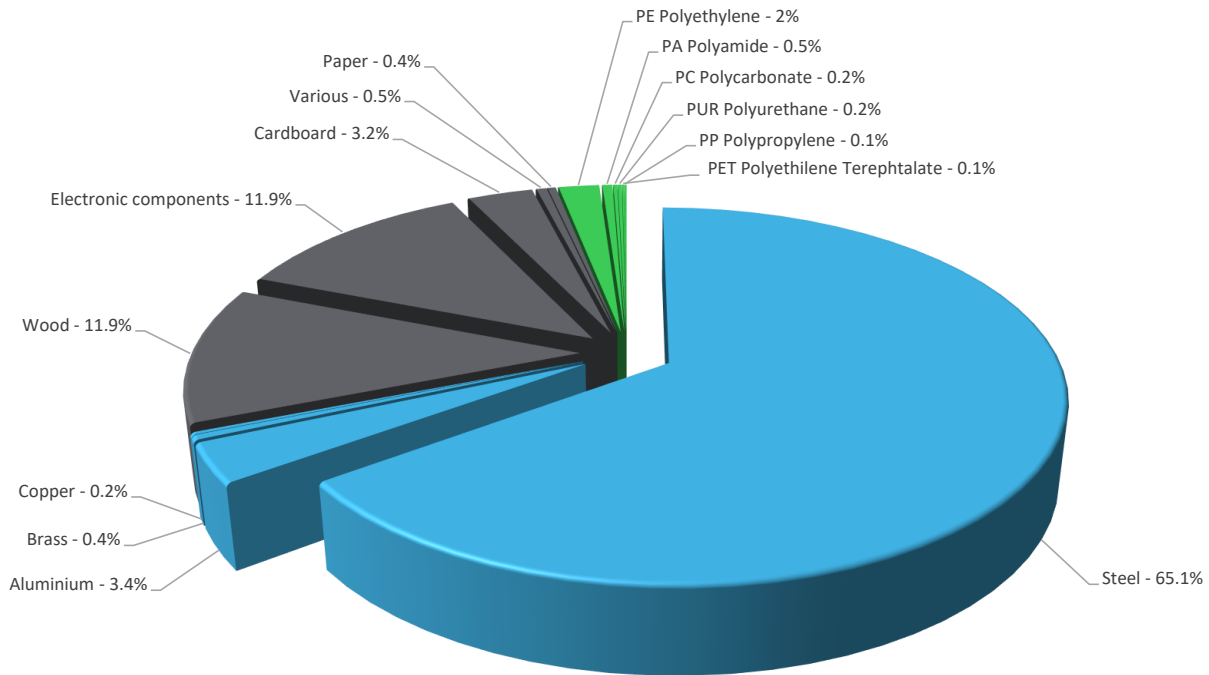


Constituent materials

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			

Registration number :	ENVPEP2111020_V2-EN	Drafting rules	PCR-4-ed4-EN-2021 09 06
Date of issue	07-2024	Supplemented by	PSR-0010-ed2-EN-2023 12 08
		Information and reference documents	www.pep-ecopassport.org
		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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ENVPEP2111020_V2-EN

Published by Schneider Electric

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07-2024

Date: Tuesday, December 30, 2025

REACH Project

Dear Customer,

Schneider Electric SE and its affiliates (Schneider Electric) have undertaken since 2008 to comply strictly with the Reach regulation N° 1907/2006 for the declaration of Substances of Very High Concern (hereafter referred to as SVHC), authorization (Annex XIV) and restriction (Annex XVII).

As per our commitment under article 33 of the said regulation, you will find attached herebelow information, to the best of our knowledge and as of the date of publication of this information, regarding the presence of SVHC in Schneider Electric products.

This information will evolve over time in function of the improved knowledge resulting from both additional information provided by our suppliers and our own investigations.

Moreover, Schneider Electric has taken into account the judgement of the EU Court of Justice of 10 September 2015 in case [C-106/14](#) in the declarations at part level.

In accordance with its environmental strategy, Schneider Electric and its affiliates have decided to apply REACH regulation on a worldwide basis.

In accordance with the Environment policy of our Company, we continuously work towards products and services which reduce the impact to the environment or on human health when used for their intended purpose and in conditions stated in the documentation provided by Schneider Electric. With this objective, Schneider Electric willingness is to substitute as soon as possible substances of concern with a specific focus on REACH Annex XIV replacement before their sunset date.

At life end, we invite you to follow appropriate waste and recycling procedures. In case the product is inside the legal scope of RoHS, please note that this document is not the CE declaration. To access to the CE declaration, please refer to the [Customer Care Centers](#)

Best Regards,

Vanessa MILER-FELS
VP Environment



Global Safety, Environment & Real Estate Senior Vice President
Schneider Electric Industries SAS

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Société par actions simplifiée au capital de 896,313,776 euros
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Siret : 954 503 439 01719
n°ident. TVA : FR 04 954 503 439
Siège Social ! 35, rue Joseph Monier
F - 92500 Rueil-Malmaison

Unless otherwise stated in the table, the data shown in this spreadsheet are related to the following production Date Code: 53/2025 (Week / Year)

Unless otherwise stated in the table, the data shown in this spreadsheet are related to the following version of the REACH regulation:
December 2025 candidate list



Commercial ref. :	E3SUPS10KHB2
Range :	Easy UPS 3S
Brand :	Schneider Electric
Product description :	Easy UPS 3S 10 kVA 400V 3:3 UPS, 2 internal 7Ah modular battery strings, expandable to 3
SCIP ID :	dc6af940-cee3-4c52-a4a7-fc487db91a72

In this product, no substance under REACH annex XVII regulation is used in the scope of restriction. This includes for instance asbestos, polycyclic-aromatic hydrocarbons (PAH)...

According to REACH Regulation EC 1907/2006 article 33 duties and the judgment of the EU court of Justice of 10 September 2015 in case C-106/14, the following SVHC are present in this product above 0,1% threshold at part level.

Our products are safe from a chemical exposure perspective, under normal conditions of use. If any specific Safe conditions of use, you will find more details in the table.

For specific End of Life recommendations, please look at Product End of Life instructions according to WEEE document.

Part	SVHC content	CAS number	EC number	Specific Safe conditions of use
This product includes a battery(ies) that contain(s) the following substance(s) above the threshold at part level.	EGDME	110-71-4	203-794-9	None
This product includes metallic part(s) that contain(s) the following substance(s) above the threshold at part level.	Diboron trioxyde	1303-86-2	215-125-8	None
In this product, the PCBA includes electronic components that contain the following substance(s) above the threshold at component level.	Diboron trioxyde	1303-86-2	215-125-8	None
In this product, the PCBA includes electronic components that contain the following substance(s) above the threshold at component level.	Lead monoxide (lead oxide)	1317-36-8	215-267-0	None

In this product, the PCBA includes electronic components that contain the following substance(s) above the threshold at component level.	Lead titanate	12060-00-3	235-038-9	None
In this product, the PCBA includes electronic components that contain the following substance(s) above the threshold at component level.	Lead	7439-92-1	-	None
In this product, the PCBA includes electronic components that contain the following substance(s) above the threshold at component level.	2-methylimidazole	693-98-1	211-765-7	None

Date: Monday, December 29, 2025

Object: Schneider Electric RoHS declaration (RoHS: Restriction of Hazardous Substances)

Dear Customer,

Effective July 1st, 2006, the European Directive 2002/95/EC -"Restriction of Hazardous Substances" (RoHS), its recast 2011/65/EU of June 8th, 2011, the Delegated Directive (EU) 2015/863 of March 31st 2015, restricts the use in Europe in certain electrical and/or electronic equipments of lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB), polybrominated diphenyl ethers (PBDE) flame retardant, and from July 22nd 2019, Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP), Diisobutyl phthalate (DIBP).

Schneider Electric decided to make RoHS compliance of its products one of its priorities, even if they do not fall in RoHS scope, and most of Schneider Electric products are RoHS compliant. This stance is fully in line with Schneider Electric environmental policy and EN IEC 63000:2018 standard.

The information below provides the current product status according to regulation in force at the date of publication of this present document. Any future changes, either in product design or in the Directive may change the status reported here. In case the product is inside the legal scope of RoHS, please note that this document is not the CE declaration. To access to the CE declaration, please refer to the [Schneider Electric download center](#). In the context of the sustainable development policy of our Company we continuously work towards products and services which reduce the impact on environment or human health when used for their intended purpose and in conditions stated in the documentation provided by Schneider Electric.

In the following declaration, a "Pro-active compliance" wording means that the product is not an EEE or not in the legal scope of the regulation, but is in line with the substances restrictions and corresponding exemptions.

Shall you need any further information or have specific questions (eg. related to phased out products), our [Customer Care Centers](#) will support you. Please Note: You can find more information about Schneider Electric environmental commitment on [Environmental Data Program webpage](#)

Best Regards,

Vanessa MILER-FELS
VP Environment



Global Safety, Environment & Real Estate Senior Vice President
Schneider Electric Industries SAS

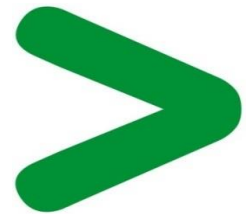
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Commercial ref.	Range	Compliance status
Brand	Product description	
E3SUPS10KHB2 Schneider Electric	Easy UPS 3S Easy UPS 3S 10 kVA 400V 3:3 UPS, 2 internal 7Ah modular battery strings, expandable to 3	RoHS (10 substances) : Pro-active compliance with exemptions 7(c)-I (product out of EU RoHS legal scope)

Product End of Life Instructions

Easy UPS 3S





Potential disassembly risks

⚠ WARNING

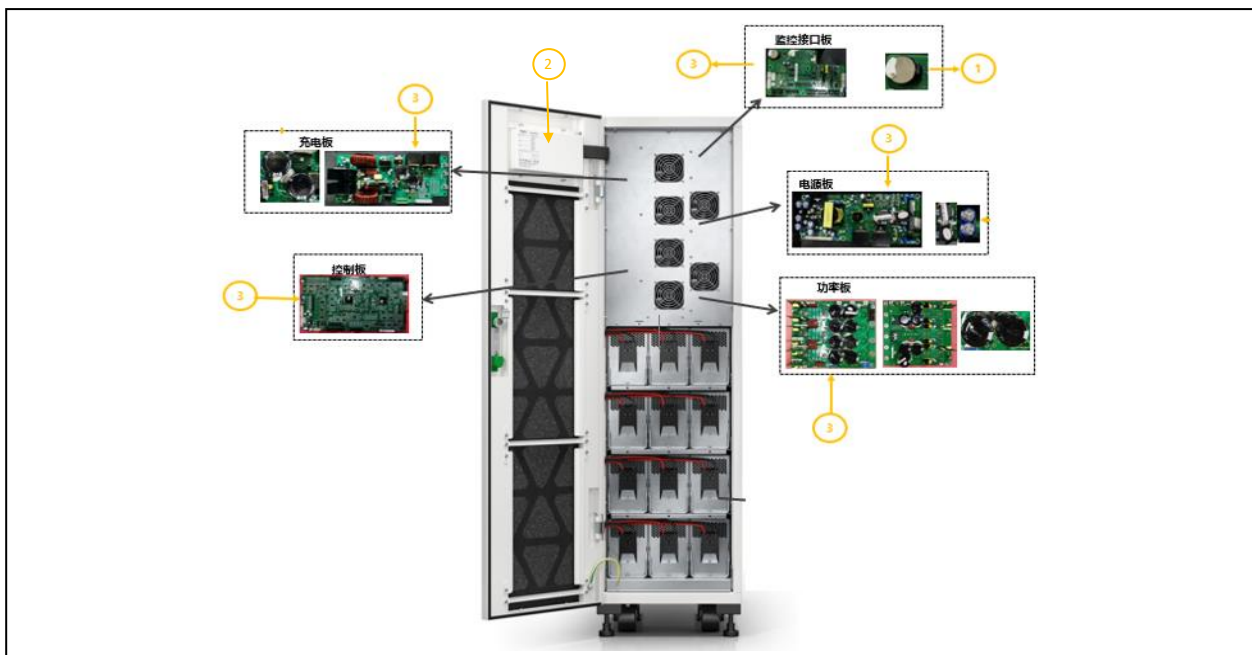
HAZARD OF ARC FLASH OR FIRE

- Disconnect battery terminals before disassembly
- Avoid any electrical connection between the terminals

Failure to follow these instructions can result in death or serious injury.



End of Life Instructions



Recommendation	Number on drawing	Component / Material	Weight (in g)	Comment
To be depolluted	1	Batteries	2.98	2 x coin batteries
To be depolluted	2	LCD (surface > 100cm ²) and all those back-lighted with gas discharge lamps	62.4	LCD (surface > 100cm ²)
To be depolluted	3	Electronic Board (Communication) > 10cm ²	2455.3	24 X PCBs >10cm ²



Product description

Manufacturer identification	Schneider Electric Industries SAS
Brand name	Schneider Electric
Product function	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.
Product reference	E3SUPS20KHB
Additional similar product references	E3SUPS20KHB E3SUPS10KH E3SUPS15KH E3SUPS20KH E3SUPS30KH E3SUPS40KH E3SUPS10KHB E3SUPS15KHB E3SUPS30KHB E3SUPS40KHB E3SUPS10KHB1 E3SUPS10KHB2 E3SUPS15KHB1 E3SUPS15KHB2 E3SUPS20KHB1 E3SUPS20KHB2 E3SUPS30KHB1 E3SUPS30KHB2 E3SUPS40KHB1 E3SUPS40KHB2 E3SUPS10K3I E3SUPS15K3I E3SUPS20K3I E3SUPS30K3I E3SUPS10K3IB E3SUPS15K3IB E3SUPS20K3IB E3SUPS30K3IB E3SUPS10K3IB1 E3SUPS10K3IB2 E3SUPS15K3IB1 E3SUPS15K3IB2
Total representative product mass	122000 g
Representative product dimensions	1400mm x 380mm x 928mm
Date of information release	07-2024

Additional information

Legal information	The product family must be disposed according to the legislation of the country. This document is intended for use by end of life recyclers or treatment facilities. It provides the basic information to assure an appropriate end of life treatment for the components and materials of the product.	
Recyclability potential	82%	Recyclability rate has been calculated based on REEECY'LAB tool developed by Ecosystem, for components/materials not covered by the tool, data from the "ECO' DEEE recyclability and recoverability calculation method" was taken. If no data was found a conservative assumption was used (0% recyclability).

Schneider Electric Industries SAS

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ENVEOLI2111020_V2

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07-2024