

Produktdatenblatt

Spezifikationen



APC NetShelter SX, Server Rack Enclosure, 18HE, Schwarz, 925H x 600W x 900D mm

AR3006

EAN Code: 0731304347651

Übersicht

Ausführung	An industry-standard rack with the most standard features for speed of deployment and installation. Ready for low to medium density edge computing. Shorter height allows for deployment underneath cabinets, desks, in remote office branch office spaces for a secure and discrete solution for IT devices.
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Hauptmerkmale

Produkt- oder Komponententyp	Rack enclosure
Anzahl der Rack-Einheiten	18U
Rack-Breite	19"
Zulässige Dauerbelastung	408,2 kg dynamisch 408,2 kg statisch
Geliefertes Zubehör	Rollen Türen Schlüssel Ausgleichsfüße Dach Seitenteile

Zusatzmerkmale

Montagemodus	Nicht Rack-montierbar
Min. Montagetiefe	191 mm
Max. Montagetiefe	755,7 mm
Farbe	Schwarz
Beschriftung	14 Messgerät EIA-Montageschiene 16 Messgerät Vordertür 16 Messgerät Pfosten 18 Messgerät Rücktür 18 Messgerät Dach 18 Messgerät Seitenteile
Höhe	925 mm
Breite	600 mm
Tiefe	900 mm
Produktgewicht	67,13 kg

Umgebung

Normen	UL 2416 UL 60950-1 EIA-310E
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Verpackungseinheiten

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.

VPE 1 Art	PCE
Anzahl der Geräte pro Packung	1
VPE 1 Höhe	106 cm
VPE 1 Breite	99,5 cm
VPE 1 Länge	75 cm
Verpackungsgewicht (Lbs)	86 kg

Vertragliche Gewährleistung

Garantie (in Monaten)	60
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Environmental Data

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	302 kg CO2 eq.
CO ₂ -Fußabdruck der Herstellungsphase [A1 bis A3]	288 kg CO2 eq.
CO ₂ -Fußabdruck der Distributionsphase [A4]	7 kg CO2 eq.
CO ₂ -Fußabdruck der Installationsphase [A5]	0 kg CO2 eq.
CO ₂ -Fußabdruck der Nutzungsphase [B2, B3, B4, B6]	0 kg CO2 eq.
CO ₂ -Fußabdruck der End-of-Life-Phase [C1 bis C4]	6 kg CO2 eq.
Umweltproduktdeklaration	Produktumweltprofil

Use Better

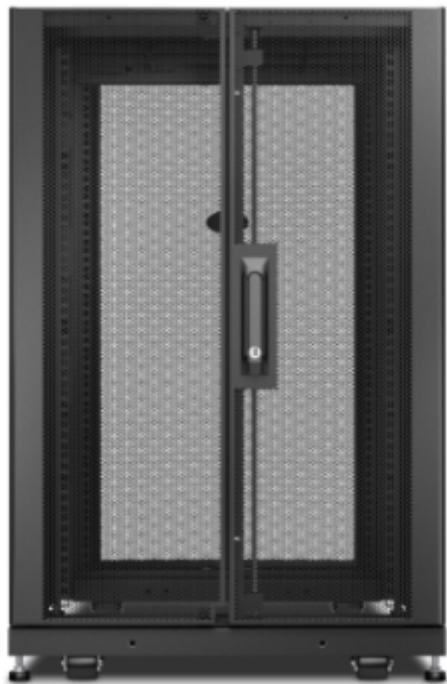
Materialien und Verpackung	
Verpackung mit Recycling-Karton	Nein
Verpackung ohne Kunststoff	Nein
EU-RoHS-Richtlinie	Konform
REACH-Verordnung	Produkt beinhaltet besorgniserregende Stoffe (SVHC) nicht über dem Schwellwert

Use Again

Reproduktion	
Recyclingfähigkeitspotential in %	95
Circular Economy-Eignung	Keine besonderen Recycling-Verfahren erforderlich
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

Rack Enclosures and Accessories



Product overview

The main purpose of the Rack Enclosures and Accessories product range is to provide the support structure to house servers, voice, data, networking, security, audio-visual, and power protection equipment in data center applications.

The functional unit is a multi-functional rack enclosure system designed to conform to current electronic equipment size specification of 42U of 'server-type' enclosure space (42 standard server rack units) for 20 years. Where the EIA (Electronic Industries Alliance) standard server rack unit (U) is a 19" (482.6mm) wide rack enclosure, with rack mount rails which are 17.75" (450.85 mm) apart and whose height is measured in 1.75" (44.45 mm).

This range consists of metal rack enclosures and accessories products that provide the support structure to accommodate servers, voice, data, networking, security, audio-visual, and power protection equipment in data center, communications, industrial and other specialty applications, according to the specifications of the standard: IEC 60297: "Mechanical structures for electronic equipment". These structures vary in configuration, size, and special features to allow the easy mounting of equipment. The product range includes the enclosures as complete units and the individual parts sold separately. The product range includes models AR1XX, AR2XXX, AR3XXX, AR7XXX and AR8XXX where XXX is any number.

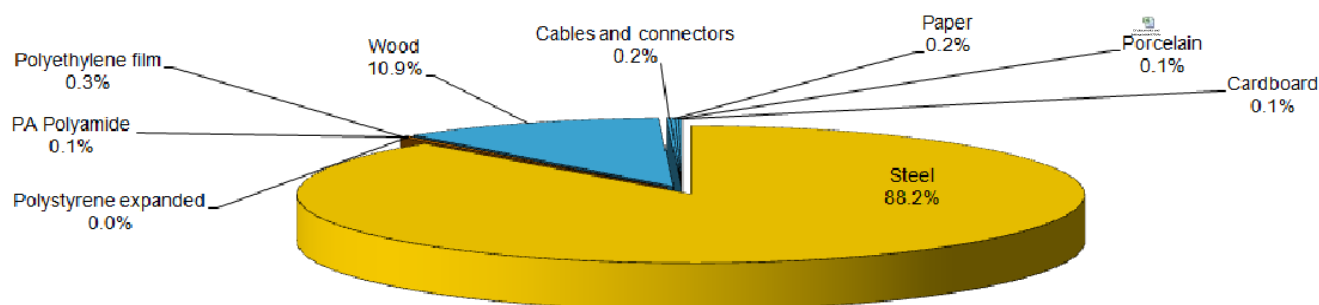
The representative product used for the analysis is AR3100 NetShelter SX 42U 600mm Wide x 1070mm Deep Enclosure with black sides.

The environmental impacts of this referenced product are representative of the impacts of the other products of the range which are developed with a similar technology.

The environmental analysis was performed in conformity with ISO 14040.

Constituent materials

The mass of the product range as complete units is from 91,001 g and 500,321 g including packaging. Individual rack parts sold separately range from 14 g and 25,885 g including packaging. The product mass is 144,550 g for the AR3100 NetShelter SX 42U 600mm Wide x 1070mm Deep Enclosure. The constituent materials are distributed as follows:



Substance assessment

Products of this range are designed in conformity with the requirements of the European RoHS Directive 2011/65/EU and do not contain, or only contain in the authorized 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) . (<http://www2.schneider-electric.com/sites/corporate/en/products-services/green-premium/green-premium.page>)

Manufacturing

The Rack Enclosures and Accessories product range is manufactured at a Schneider Electric production site on which an ISO14001 certified environmental management system has been established.

Distribution

The weight and volume of the packaging have been optimized, based on the European Union's packaging directive. The AR3100 NetShelter SX 42U 600mm Wide x 1070mm Deep Enclosure packaging weight is *16,190 g*. It consists of 15,340 g of Wood, 424 g of Polyethylene film, 232 g of paper and 194 g of cardboard.

The product distribution flows have been optimized by setting up local distribution centers close to the market areas.

Use

The products of the Rack Enclosures and Accessories range do not generate environmental pollution (noise, emissions) requiring special precautionary measures in standard use.

The product range does not use electricity or require special maintenance operations.

End of life

At end of life, the products in the Rack Enclosures and Accessories range have been optimized to decrease the amount of waste and allow recovery of the product components and materials.

This product range doesn't need any special end-of-life treatment. According to countries' practices this product can enter the usual end-of-life treatment process.

The recyclability potential of the products has been evaluated using the "ECO DEEE recyclability and recoverability calculation method" (version V1, 20 Sep. 2008 presented to the French Agency for Environment and Energy Management: ADEME).

According to this method, the potential recyclability ratio without packaging is: 95%.

As described in the recyclability calculation method this ratio includes only metals and plastics which have proven industrial recycling processes.

Environmental impacts

Life cycle assessment has been performed on the following life cycle phases: Materials and Manufacturing (M), Distribution (D), Installation (I) Use (U), and End of life (E).

Modeling hypothesis and method:

- The calculation was performed on the AR3100 NetShelter SX 42U 600mm Wide x 1070mm Deep Enclosure product.
- Product packaging is included.
- Installation components: no special components included.
- Scenario for the Use phase: this product range is included in the category 3, enclosures category according to PSR0005 -ed1-EN-2012 12 11 for switchgear and controlgear. Assumed service lifetime is 20 years.
- The geographical representative area for the assessment is European. The product range does not use or pass electricity. An electrical power model has not been utilized for impact modelling.
- End of life impacts are based on a worst-case transport distance to the recycling plant (1000km)

Presentation of the product environmental impacts

Environmental indicators	Unit	For NetShelter SX 42U 600mm Wide x 1070mm Deep Enclosure with Sides Black, commercial reference AR3100					
		S = M + D + I + U + E	M	D	I	U	E
Air Acidification (AA)	g H+ eq	8.93E+01	8.55E+01	1.97E+00	0.00E+00	0.00E+00	1.83E+00
Air toxicity (AT)	m³	1.21E+08	1.16E+08	2.92E+06	0.00E+00	0.00E+00	2.72E+06
Energy Depletion (ED)	MJ	2.75E+04	2.73E+04	1.49E+02	0.00E+00	0.00E+00	1.31E+02
Global Warming Potential (GWP)	g CO ₂ eq.	4.39E+05	4.19E+05	1.06E+04	0.00E+00	0.00E+00	9.32E+03
Hazardous Waste Production (HWP)	kg	7.78E-02	7.77E-02	1.31E-05	0.00E+00	0.00E+00	1.15E-05
Ozone Depletion Potential (ODP)	g CFC-11 eq.	1.53E-03	1.49E-03	2.01E-05	0.00E+00	0.00E+00	1.77E-05
Photochemical Ozone Creation Potential (POCP)	g C ₂ H ₄ eq.	5.59E+01	5.12E+01	2.36E+00	0.00E+00	0.00E+00	2.32E+00
Raw Material Depletion (RMD)	Y-1	2.70E-14	2.66E-14	2.16E-16	0.00E+00	0.00E+00	1.90E-16
Water Depletion (WD)	dm³	3.25E+03	3.25E+03	1.10E+00	0.00E+00	0.00E+00	9.67E-01
Water Eutrophication (WE)	g PO ₄ ³⁻ eq.	9.72E+00	9.68E+00	1.97E-02	0.00E+00	0.00E+00	1.73E-02
Water Toxicity (WT)	m³	5.59E+01	4.73E+01	4.53E+00	0.00E+00	0.00E+00	3.98E+00

Life cycle assessment has been performed with the EIME software (Environmental Impact and Management Explorer), version 5 and with its database version CODDE-2015-04.

The manufacturing phase is the life cycle phase which has the greatest impact on the majority of environmental indicators.

This product range benefits from an eco-design process which is utilized in the design of all products. A design scorecard is generated for all new products to assist engineers in deploying eco-design and then comparing the design features of the new product against the previous version of the product which helps reduce its impacts on the environment.

According to this environmental analysis, proportionality rules may be used to evaluate the impacts of other products of this range: Across all impact categories, impacts of other products in this family may be proportional extrapolated based on the ratio of the product mass to that of the reference product mass. The impacts for installation and use are zero across all products in the family.

System approach

As the products of the range are designed in accordance with the European RoHS Directive 2011/65/EU, they can be incorporated without any restriction in an assembly or an installation subject to this Directive.

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.

Glossary

Air Acidification (AA)	The acid substances present in the atmosphere are carried by rain. A high level of acidity in the rain can cause damage to forests. The contribution of acidification is calculated using the acidification potentials of the substances concerned and is expressed in mole equivalent of H ⁺ .
Air Toxicity (AT)	This indicator represents the air toxicity in a human environment. It takes into account the usually accepted concentrations for several gases in the air and the quantity of gas released over the life cycle. The indication given corresponds to the air volume needed to dilute these gases down to acceptable concentrations.
Energy Depletion (ED)	This indicator gives the quantity of energy consumed, whether it is from fossil, hydroelectric, nuclear or other sources. It takes into account the energy from the material produced during combustion. It is expressed in MJ.
Global Warming (GW)	The global warming of the planet is the result of the increase in the greenhouse effect due to the sunlight reflected by the earth's surface being absorbed by certain gases known as "greenhouse-effect" gases. The effect is quantified in gram equivalent of CO ₂ .
Hazardous Waste Production (HWP)	This indicator quantifies the quantity of specially treated waste created during all the life cycle phases (manufacturing, distribution, and utilization). For example, special industrial waste in the manufacturing phase, waste associated with the production of electrical power, etc. It is expressed in kg.
Ozone Depletion (OD)	This indicator defines the contribution to the phenomenon of the disappearance of the stratospheric ozone layer due to the emission of certain specific gases. The effect is expressed in gram equivalent of CFC-11.
Photochemical Ozone Creation (POC)	This indicator quantifies the contribution to the "smog" phenomenon (the photochemical oxidation of certain gases which generates ozone) and is expressed in gram equivalent of ethylene (C ₂ H ₄).
Raw Material Depletion (RMD)	This indicator quantifies the consumption of raw materials during the life cycle of the product. It is expressed as the fraction of natural resources that disappear each year, with respect to all the annual reserves of the material.
Water Depletion (WD)	This indicator calculates the volume of water consumed, including drinking water and water from industrial sources. It is expressed in dm ³ .
Water Eutrophication (WE)	Eutrophication is a natural process defined as the enrichment in mineral salts of marine or lake waters or a process accelerated by human intervention, defined as the enrichment in nutritive elements (phosphorous compounds, nitrogen compounds and organic matter). This indicator represents the water eutrophication of lakes and marine waters by the release of specific substances in the effluents. It is expressed in grams equivalency of PO ₄ ³⁻ (phosphate).
Water Toxicity (WT)	This indicator represents the water toxicity. It takes into account the usually accepted concentrations for several substances in water and the quantity of substances released over the life cycle. The indication given corresponds to the water volume needed to dilute these substances down to acceptable concentrations.

PEP achieved with Schneider-Electric TT01 V10 and TT02 V22 procedures in compliance with ISO14040 series standards

Registration n° ENVPEP1512008_V1				Applicable PCR: PEP-PCR-ed 2.1-EN-2012 12 11 completed by PSR-0005-ed1-EN-2012 12 11	
Verifier accreditation N°: VH08					
Date of issue: 12-2015				Period of validity: 5 years	
Independent verification of the declaration and data, according to ISO 14025:2006					
Internal	X	External			
In compliance with ISO 14025:2006 type III environmental declarations					
PCR review was conducted by an expert panel chaired by J. Chevalier (CSTB).					
The elements of the actual PEP cannot be compared with elements from another program.					

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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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Legal information / Mentions légales :
Société par actions simplifiée au capital de 896,313,776 euros
954 503 439 rcs Nanterre - code APE : 2712Z
Siret : 954 503 439 01719
n°ident. TVA : FR 04 954 503 439
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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. :	AR3006			
Range :	NetShelter SX Enclosures			
Brand :	APC			
Product description :	APC NetShelter SX 18U Server Rack Enclosure 600mm x 900mm w/ Sides Black			
SCIP ID :	No need to declare in the SCIP database			
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, no SVHC is 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
In this product, NO SVHC is present above the threshold at part level	none	-	-	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	
AR3006 APC	NetShelter SX Enclosures APC NetShelter SX 18U Server Rack Enclosure 600mm x 900mm w/ Sides Black	RoHS (10 substances) : Pro-active compliance without the use of exemption (product out of EU RoHS legal scope)