

Declaración de requisitos según IEC 62040-4 / Declaration of requirements in accordance with IEC 62040-4

ASPECTOS AMBIENTALES – REQUISITOS E INFORMES / ENVIRONMENTAL ASPECTS – REQUIREMENTS AND REPORTING	SLC X-PERT	
Dispositivo / Device	Código / SLC Code	695KA000023 - 695KA000012 - 695KA000013 695KA000024 - 695KA000006 - 695KA000007 695KA000008 - 695KA000009
	Modelo / Reference model	SLC-80-XPRT - SLC-100-XPRT - SLC-125-XPRT SLC-160-XPRT - SLC-200-XPRT - SLC-250-XPRT SLC-300-XPRT - SLC-400-XPRT
	Descripción / Description	Sistemas Alimentación Ininterrumpida / Uninterruptible Power Supplies
Objetivo / Objective [Description]	Declarar los aspectos ambientales relacionados con los Sistemas de Alimentación Ininterrumpida (UPS), con el objetivo de promover la reducción de cualquier impacto ambiental adverso durante el ciclo de vida completo del SAI / To declare the environmental aspects concerning Uninterruptible Power Systems (UPS), with the goal of promoting reduction of any adverse environmental impact during a complete UPS life cycle	
Normativa / Regulation	EN IEC 62040-4	

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Subclause IEC 62040-4	Declared environmental aspect	SALICRU's declared value
5.2.2	Location of manufacturing plant(s)	Santa Maria de Palautordera Barcelona, Spain
	Environmental management system (certification status and name of system)	ISO 14001:2015. Certified since 31 January 2011. Valid until 13 January 2026. Certified by SGS
5.2.3	Model (manufacturer's reference)	SLC-200-XPRT
	Power, rated – apparent – active	200kVA 200kW
	Representative UPS	Yes
	Range of UPS covered by representative UPS (if applicable)	80kVA to 400kVA
	UPS configuration	Single UPS with Bypass (A.2.3) with the possibility of Parallel UPS (A.3)
	Performance classification	VFI-SS-11
	Dimensions (height × width × depth)	1978x880x970 mm
	Mass	720 kg
	Mass of batteries (if integrated)	Not integrated
	Battery technology	Lead Acid Sealed maintenance free
	Product packaging (mass, material)	Total weight of Reference Product: 753 Kg (with unit packaging) Packaging as % of weight: Wood: 3,1% Paper: 1,3%
	Group packaging, if applicable (mass, material)	-
	Transportation packaging, if applicable (mass, material)	-
5.2.4	Substances – Criterion 1	- Lead as metal alloy (CAS number 7439-92-1) - Lead titanium zirconium oxide (CAS number 12626-81-2) - Diboron Trioxide (CAS number 1303-86-2) - Lead (CAS number 7439-92-1)
5.2.5	UPS efficiency	95,9%
	Acoustic noise	<65 dBA at 1m
5.2.6	End of life information (It is recommended to indicate location of the part(s) on a picture or drawing)	The product end of life factors is considered during the design phase. Dismantling and sorting of components or materials is made as easy as possible with a view to recycling or failing that, another form of reuse. This product falls within the scope of the WEEE directive (2012/19/EU). Therefore, it must be processed through local WEEE recycling/recovery channels. • Elements to process specifically: In accordance with the requirements of this Directive, the following components must be removed and sent to specific channels for processing which comply with the WEEE Directive 2012/19/EU: - electrolyte capacitors (height > 25 mm, diameter > 25 mm or proportionately similar volume): 66002 g - electronic cards more than 10 cm²: 7418 g - LCD screens more than 100 cm²: 228 g
5.3.2.2	Recyclable material, (percentage by mass, calculation method) – in product – in packaging	• Recyclability rate: Calculated using the method described in technical report IEC/TR 62635, the recyclability rate of the product is estimated at 90,1 %. This value is based on data collected from a technological channel operating on an industrial basis. It does not pre-validate the effective use of this channel for the end of life of this product. Separated into: - plastic materials (excluding packaging): 2,5 % - metal materials (excluding packaging): 82,5 % - other materials (excluding packaging): 0,8 % - packaging (all types of materials): 4,3 %
5.3.2.3	Life cycle assessment	Global warming

REF. NK035A02_SLC X-PERT_DECLARATION_OF_REQUIREMENTS_IN_ACCORDANCE_WITH_ IEC 62040-4

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Subclause IEC 62040-4	Declared environmental aspect	SALICRU's declared value
		Total for Life Cycle: 6.59E+05 kgCO2 eq. Raw material and manufacture: 5.49E+03 - < 1% Distribution: 4.82E+01 - < 1% Installation: 3.00E+00 - < 1% Use: 6.53E+05 - 99% End of life: 8.2E+01 - < 1%