



Environmental Product Declaration

Product	Type of equipment / Product No.	EP523R S54449-C413-A1
	Product line, product range ELEI	
Process control	BSCE 1, Fengzhi East Road, Xibeiwang, Haidian District 100094, BEIJING / China	
	Management System	since by
	ISO 9001 (Quality)	06.01.2001 LPCB
	ISO 14001 (Environment)	05.07.2005 SGS
	OHSAS 18001 (OH&S)	12.12.2011 SGS
Environmentally compatible product design	Product responsibility of Siemens covers the entire product life cycle. Siemens already assesses, avoids and minimizes the environmental impact of its products with respect to production, procurement, sales, use, services and disposal during the product and process planning phases by complying with Siemens EP Standard (former SN 36350) "Specifications on Environmentally Compatible Product and System Design".	
Product use	Typical energy consumption	21,900kWh/a
	Maintenance	follow BSCE service strategy follow BSCE service strategy
Risk of fire	Fire protection according to	EN 60730
	Fire load	3,318MJ
Packaging	50-FOR Wood	Wood box 42,000g
	4-LDPE Low density polyethylene	Bag 2g
	Notes on disposal	One-way, recyclable
Materials	Total weight of device	292,388g
	The total weight of a device may deviate from the total of the weights of all individual components due to rounding.	
	ABS; halogenated	D0060046 粘式可调线束固定座 11g
	ABS; halogenated	D0060043 指示灯导光帽 8g
	PVC soft; halogenated	D0060016 PVC膜 1,133g
	PVC soft; halogenated	D0060032 蓄电池绝缘护套 2g
	PA; halogenated	F0090033 尼龙扎带 2g
	PVC soft; halogenated	D0060019 热缩套管 2g
	PVC rigid; halogenated	D0010011 葛兰防水接头 2g
	ABS; halogenated	D0010012 防水螺母 2g
	PA; halogenated	端子挡板 5g
	PP; halogenated	端子标记条 2g
Metals	Steel; powder-coated	机箱 (疏散系统) 82,108g
	Steel; zinc plated	D0010005 导轨 352g
	Al alloy	D0010006 铝接地标示牌 2g
	Steel; nickel plated	D0020050 十字槽盘头螺钉 50g
	Steel; nickel plated	D0020070 螺母 15g

	Steel stainless	D0020053 外锯齿防滑垫片	1g
	Cu	35平方铜鼻子	10g
	Steel; nickel plated	垫片	6g
	Steel; nickel plated	D0010014 导轨堵头	10g
	Cu	接地铜排	50g
	Cu	中心连接条	9g
Others	Cu+Non-conductive Plastic	逆变器	6,500g
	WIRE+CORE+BOBBIN+TUBE+TAPE	变压器	21,000g
	Industrial battery or accumulator	2.5kw电池	168,000g
	Cu+Non-conductive Plastic	充电机	11,000g
	PCBA+LCD+Steel stainless	D0100002 迪文指令屏	110g
	Cu+Non-conductive Plastic	互感器	200g
	Cu+PVC	D0030137 灰排线	200g
	Cu+PVC	D0030106 AC220电源线	158g
	Cu+PVC	20P端子	27g
	Cu+PVC	D0030124 多芯线	120g
	Cu+PVC	UK端子	16g
	Non-conductive Plastic+Cu+PCB	开关电源	410g
	PVC+Cu	D0020030冷压端子	46g
	PA66+Cu	D0080018 断路器	167g
	PA66+Cu	D0080019 断路器	167g
	PA66+Cu	D0080020 断路器	167g
PCBAs (Printed Circuit Board assembled)	FR4; halogenated; solder SnAgCu	B0010052 电源主板 (2.5KW) PCB线路板	206g
	FR4; halogenated; solder SnAgCu	B0010053 电源显示板 (2.5KW)	112g

Disposal

The device should not be disposed of as unsorted municipal waste. The special treatment for specific components may be mandated by law or ecologically sensible.
Observe all local and applicable laws.

Comments

EU-directive 2011/65/EU (RoHS)

The device does not contain substances in concentrations and applications banned under the EU RoHS Directive, including the 4 phthalates added to Annex II in 2015.

Regulation (EC) No. 1907/2006 (REACH)

To the best of our knowledge and according to the information of our suppliers the above mentioned device and its packaging contain no substances of the candidate list according to Article 59 (1, 10) of the regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) in concentrations above 0.1 % w/w. Contained REACH candidate substances, which will become known at a later date, are listed on the delivery note.

(Status according to the creation date of this document.)

Legal Disclaimer: This declaration is for information purpose only.

This Environmental Product Declaration does not constitute a guarantee of the composition of a product, neither does it guarantee that the product will retain a particular composition for a particular period.

BSCE therefore does not assume liability for any error or for any consequences which may arise from the use of this information to the maximum extent under the law.

Please contact your local Siemens branch office to get further information on environmental aspects and disposal.