



Environmental Product Declaration

Product

Device type	RVP502
Designation	Solar Energy Manager
Product range	SIGMAGYR

Process control

Siemens Building Technologies Ltd. Gubelstrasse 22, CH-6301 Zug		
Management system certified	since	by
ISO 14001 (environment)	Oct. 20, 1998	BSI
ISO 9001 (quality)	July 12, 1986	BSI

Product use

Typical energy consumption per year	approx. 44 kWh
Maintenance	none
Environmental benefits	see notes on page 2

Environmental risk (fire)

Fire protection as per	EN 60 730
Fire load	approx. 16 MJ
Parts containing halogens (result in corrosive smoke)	circuit boards with components

Packaging

Paperboard, cardboard boxes, paper	cardboard box with PE label and foamed PE insert (without CFC)	69g
Notes on disposal	RESY recycling system proper separation possible	

Materials		total weight of device	676 g
Plastics	ABS halogen-free	front plate / cover	31 g
	ASA+PC (FR 40)	terminal base	137 g
	ASA halogen-free	case / setting knob	103 g
	Q silicone rubber	switch pad	36 g
	PA	2 levers terminal strips	35 g
Metals	Steel zinc-plated	Cheese head screws, Metal bracket, Auxiliary terminals	83 g
Circuit boards with components	FR4 / CEM3, containing halogens, SnPb solder	I/O circuit board	180 g
	FR4 / CEM3, containing halogens, SnPb solder	operating circuit board	70 g
Special Components	LCD, 15 cm ² , unlit	on operating circuit board	(11 g)
	Relays, AgSnO ₂ / AgNi 0.15 contacts	10 pcs. on I/O circuit board	(55 g)
	Trafo, Epoxy Hysol	on I/O circuit board	(18 g)

(Weights in parentheses are already included in the weight of the components specified in "Materials")

Disposal



Do not dispose of the device as part of household garbage, but as special waste from electrical and electronic components. This applies particularly to circuit boards.

In addition, the law may mandate special treatment for specific components or special treatment may be ecologically sensible.

Observe all local and applicable laws!

Notes

Materials:

- For disposal, the controller can be easily disassembled.

Environmental benefits:

- The controller is especially designed for the control of heating and solar domestic hot water plant.

Legal disclaimer: This declaration is for information purposes only

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If you require further information on environmental aspects and disposal, contact your local Siemens branch office.