energostack

Plugsense
ESO5

The ESO5 Plugsense device is used to measure electricity consumption of a specific appliance. It also allows you to remotely control the connection of the appliance to the power supply.

Technical data

Measured data	electricity consumption [W]
Physical dimensions	103 × 86 × 62 mm
Weight	138 g
Material	ABS plastic
Protection	IP20
Working conditions	20 to 60 °C; < 80 % RH (non-condensing)
Interface	socket type E CEE 7/5-6 (French) or F CEE 7/3-4 (Schukostecker)
Power supply	from 100 to 240 VAC / 50Hz
Required accessories	gateway EWG6
Interaction	LED signalisation
Connectivity	433MHz Radio (Chirp protocol)
Radio range	< 100m (depending on local conditions)
Transmitting power	< 10 mW
Transmission time	< 5 ms
Transmission period	5 s
Resolution of metering	1 W
Accuracy of metering	± 2%
Range of metering	< 13 A, 0 to 3kW (240V)
Average power consumption	1,5 W (on state) / 0.5 W (off state)