whatwatt
Go

whatwatt Go serves as a bridge between the user's private home network and the smart meter. It receives the power consumption or solar production data of the household from the smart meter and shares them with any or multiple integrations via WLAN or LAN.

Smart-Meter Interfaces	P1 M-Bus – In some cases external power via USB-C may be required UART/TTL Kamstrup Omnipower HAN (via optional whatwatt Kampstrup Adapter)
Smart-Meter Protocols	DSMR 4.x/5.x HDLC/MBUS DLMS/COSEM/OBIS – IEC 62056, EN 13757 Passive mode
Power Supply	USB-C 5VDC/0.5A or via RJ12 from meter
Power Consumption	0.25 – 0.75W [1]
WiFi Standard	2.4 GHz 802.11b/g/n, HT 20/40MHz, encryption, Open/WPA/WPA2/WPA3, WPS, operation mode access point/client
WiFi Antenna	External (included)
Ethernet	10/100Mbps, IEEE 802.3/802.3u, Auto MDI/MDIX
Local Data-Storage	micro-SD-Card
Mounting Options	Magnet, Wall, DIN Rail
Operation	-10 – 40°C, 10 – 85% REH (non condensing)
Protection Class	IP20
Dimension	60 x 45 x 26 mm (W x H x D)
Weight	120 g
Safety & EMI	CE

Type	whatwatt Go
EAN	7629999796676
Package Size	87 x 87 x 60 mm
Warranty	2 years

Integrations	whatwatt, myStrom, Solar Manager, REST, MQTT
Integrations on Request	OpenSource SmartHome System e.g. HomeAssistant, Energy Supplier, others

1) Depending on WLAN mode/signal strength and Ethernet connection. Operation is possible without external 5VDC USB-C power supply.
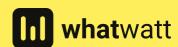
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Smart- Meter Compatibility

whatwatt is compatible with all common smart meters using the following interfaces and standards.

P1 Interface

Manufacturer	Model/Series	Setup	Port/Connector
Ensor	eRS301, eRS801	Out-of-the-box	RJ12
Iskrameco	AM550	Out-of-the-box	RJ12
Kamstrup	Omnipower, Omnia	with Kamstrup P1 adapter	RJ12
Landis+Gyr	E360	Out-of-the-box	RJ12
Meter+Control	Flexy	Out-of-the-box	RJ12
Sagemcom	S211, T211	Out-of-the-box	RJ12
Semax	AS3000	with Semax P1 adapter	RJ12

M-Bus 34/22V Interface

Manufacturer	Model/Series	Setup	Port/Connector
Kaifa	MA309M	Out-of-the-box	RJ12
Landis+Gyr	E450 S4/S5, E570	Out-of-the-box	RJ12
Sagemcom	S210, T210-D	Out-of-the-box	RJ12

TTL Interface

Manufacturer	Model/Series	Setup	Port/Connector
Kamstrup	Omnipower	with whatwatt Kamstrup Adapter	RJ12
		Out-of-the-box	

RS232-MEP Interface

Manufacturer	Model/Series	Setup	Port/Connector
NES	MTR3000 with RJ12 Port	Out-of-the-box	RJ12

Mounting Options – DIN Rail, Wall, Magnet

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Dimensions / Mounting / Branding

Ethernet

ETHERNET
Connect
Power Supply

Branding Option

Magnet

60 mm

54 mm

45 mm

26 mm

Power / USB-C

RJ11/12 to Smart-Meter

Button

LED

MicroSD Card Slot

Ext. WiFi
Antenna

Branding Option

DIN-Rail Mount

Magnet

Wall Mount

What is in the Box	Options
whatwatt Go	RJ11/12 – Kamstrup HAN Port Adapter
External Antenna	USB-C Power Supply
Wall Mount Adapter	USB-C Power Supply for DIN-Rail
DIN-Rail Mount Adapter	WIFI Antenna External 1.5 m
RJ12 – RJ12 Cable 0.7 m	WIFI Antenna Double Gain
USB-C Power Cable 2.0 m	SD Card 32 GB
	Ethernet Cable 3.0 m

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