

# Supported devices to the ASKOSET (energy manager) together with the ASKOHOME+ App



## Heat pumps:

- Every SG Ready heat pump via potential free relay (GUDE 2302, Shelly Pro 2, Shelly Pro 4PM, Rutenbeck)
- Every PV Ready enabled HP via Shelly 1 or other relay out of rubric switch
- Alpha Innotec Luxtronic 2.0 / 2.1
- Alpha Innotec NP-CS 40 via Modbus 40 Gateway (Art.Nr. 067144) **RS485**
- CTA Aeroheat (exact types upon request)
- CTC EcoLogic M + L
- Dimplex WPM Econ5
- Ecoforest SI-GEO PCO+ (NWPM network card TCP)
- Heliotherm RCG X
- Hoval with HovalConnect Modbus Gateway (Art.Nr. 6049 501)
- IDM heat pumps with Navigator 2.0
- ino heat pumps made by BARTL
- LAMBDA heat pumps
- M-TEC heat pumps
- NIBE S-series and SMO S40
- NIBE Uplink (without NIBE myUplink) **(Cloud API)**
- Novelan with WPR-Net 2.0
- Novelan with WPR-Net 2.1 (except JabbaH / L Split / service water heat pump)
- Oertli SI-GEO (WPM PCO+)
- Oertli LI / LA/ SI (WMP Econ5)
- Ovum
- Roth Werke heat pump controller 2.0 / 2.1
- STIEBEL ELTRON via ISG Web (acc. list – Genesis not compatible - „ISG web + Modbus use“ column)
- S+W Futura HSW
- Waterkotte Eco Touch
- Waterkotte Smart Controller (CH)
- Weishaupt WWP S (5 IB - S 21 1) (NWPM TCP network card)



## Hot water:

- **ASKOHEAT+**
- my-PV AC ELWA-E / AC ALWA-E2
- my PV ACThor
- Fronius Ohmpilot with **ASKOHEAT-OP**
- EGO Smart Heater
- W&T 0-10V and 4-20mA Gateway
- 2 Step via additional relay with Shelly 4 PM Pro / GUDE 2302 / GUDE 2313 / GUDE 2314 / Shelly Pro 3
- 1/2/3 Step with various relays available including Shelly, Gude, Siemens PAC or other compatible relays



## Smart Meters:

- ASKOMA **RS485(RTU)**
- ASKOMA RTU 2.0 **RS485(RTU)**
- ABB B-Series
- B-Control EM3000 (LM)
- Carlo Gavazzi EM24 (LM)
- CHINT DTSU on dedicated inverters
- CHINT Smart Meter DTSU666-H
- Climkit
- DZG Smart Meter **RS485(RTU)**
- Goodwe Smart Meter ET / EH / BH / BT (LM)
- E3/DC
- GUDE Expert Net Control 2312-1
- Eastron SDM630-TCP (V3) / Eastron SDM630
- EmonCmsSmartMeter (LM)
- EMU Professional 1 & 2 (LM)
- EMU M-Bus Center production measurement (with professional and allrounder)
- Enphase IQ Gateway Metered
- Fronius Smart Meter
- Huawei Smart Logger 3000
- Huawei Smart Power Sensor am SUN2000 (LM) / DTU666
- Janitza UMG 512-PRO / 604 (LM)
- Kostal Smart Energie Meter (LM)
- K'Electric KE-P80 with LAN-Modul
- my-PV Power Meter
- my-PV WIFI Meter
- Optec / ecs M3PRO with LAN-Modul (LM)
- Phoenix Contact EEM (with Modbus TCP interface)
- Schneider Electric RTU
- Schneider Electric Power Tag Link (LM)
- SMA Data Manager / Energy Meter 2.0 (LM)
- SMA Sunny Home Manager (LM)
- Smart-me 1-Phasen meter (LM) **(Cloud API)**
- Smart-me 3-phase meter (Telstar) 80A, (LM) **(Cloud API)**
- Smart-me 3-phase meter Telstar CT(LM) **(Cloud API)**
- Smart-me Kamstrup Modul **(Cloud API)**
- Siemens PAC3200, PAC220 (TCP version) (LM)
- Shelly 3EM (LM) / Pro 3EM (LM)
- Sofar Smart Meter (Sofar HYD KTL) **RS485**
- SolarEdge Energy Meter (LM)
- Solar-Log Base / Solar-Log PRO 380-Mod
- Socomec Countis E27/E47 (LM)
- Solax Hybrid Smart Meter measurement
- Solarmax Power Meter + (LM)
- Slarmax S & MT
- Solvimus MUC.EASYPLUS
- Studer Innotec Next3 meter (LM)
- Sungrow Energy Meter - only for SGxxKTL-M (LM)
- TQ-System EM420 (LM)



## Inverters:

- E3/DC
- Enphase IQ Gateway Metered
- Fimer PVS
- Firmer ABB Trio with VSN3000 WLAN
- Fox-ESS AIO
- Fronius Symo, Hybrid, Galvo, Gen24, Tauro
- Goodwe ET / EH / BH / BT (Wi-Fi & LAN Modbus TCP)
- Goodwe SDT / DT / MT RTU
- Huawei SUN2000 / SmartLogger 3000
- KACO Tx1 and Tx3 (blueplanet and Powador)
- Kostal PLENTICORE plus
- Kostal PIKO IQ / PIKO 4.2-20 / PIKO BA / PIKO CI
- LG ESS Home 8/10
- RCT Power Inverter
- SMA Sunny Tripower & Tripower X / Tripower Smart Energy
- SMA Data Manager
- Sofar HYD KTL / Sofar KTLX
- SolarEdge SE
- SolarMax S & MT / SolarMax SMT-Series
- Solax Hybrid
- Solar-Log Base
- Solinteg Hybrid inverter MHT
- Studer Innotec Next3
- Sungrow SG-Series / SH5.0-10RT
- SungrowLogger 1000 (Sum of connected heat pumps)
- Victron via Venus / Cerbo Gateway
- production measurement via EM300, EM420
- production measurement via smart-me meter 3-phase 5(80)A, MID **(Cloud API)**
- production measurement via Fronius Smart Meter
- production measurement via EMU M-Bus Center (with professional and allrounder)
- production measurement via Shelly 3 EM / Shelly Pro 3EM
- production measurement via Siemens PAC3200, PAC2200
- production measurement via Optec ECS M3 Pro



## Smart Plugs / Relays:

- Advantec WISE-4060
- GUDE 2302 / GUDE 2312 / Gude 2314 Relaybox (switch Power directly up to 16A with definable PV excess (4/3 channels))
- myStrom WIFI Switch / WIFI Switch Zero
- Rutenbeck TCR IP4
- Shelly 1, Shelly 1PM, Shelly 2.5, Shelly Plug S, Shelly Plus Plug S, Shelly S (WLAN)
- Shelly Pro1, Shelly Pro1PM, Shelly Pro 2, Shelly Pro 2PM, Shelly Pro 3, Shelly 4Pro (WLAN)
- smart-me relay on the 3-phase meter **(Cloud API)**
- smart-me plug (e. g. for bike) **(Cloud API)**
- Tasmota FW



## Temperature measurement:

- Gude 2302 (external sensor)
- Rutenbeck TCR IP4 (external sensor)
- Shelly 1 (external sensor)
- Shelly Plus AddOn

The connection is always LAN unless otherwise noted

# Supported devices to the ASKOSET (energy manager) together with the ASKOHOME+ App



## Storages / Batteries with Smart Meter:

- BYD B-BOX HV, HVS & HVM via a supported inverter
- BYG B-Box LVS & LVL via a supported inverter
- E3/DC
- Fronius Hybrid, Gen24 with BYD, FB, ...
- Goodwe ET / EH / BH / BT
- Huawei LUNA2000
- Innovergy salidomo
- LG ESS Home 8/10
- MAX.STORAGE Ultimate
- Powerball system storage (needs Gateway; on request)
- RCT Power Storage
- SMA Sunny Island
- SMA Sunny Tripower Smart Energy
- Sofar Batterie via HYD KTL
- Solarwatt MyReserve
- Solaredge StorEdge products (LG Chem, BYD)
- Solax Hybrid (X1 & X3-G3)
- sonnenBatterie eco 7.0, eco 8.0, 10.0, Performance
- sonnenBatterie hybrid 9.53
- Studer Innotec Next3
- Sungrow SH5.0-10RT
- Tesla Powerwall 2
- Twice Hexagon AC
- Twice Energy via Solaredge, Victron
- VARTA Storage, element, link, pulse



## Storages / Batteries (needs separate house entrance measurement):

- ads-tec StoraXe (with Siemens PAC3300)
- Kostal Piko BA
- Battery measurement and prioritisation with smart-me (Cloud)
- Battery measurement and prioritisation with Shelly 3EM (WALN)



## Energy measurement (for consumers):

- B-Control EM300
- Carlo Gavazzi Em24 / EM3xx
- EMU M-Bus Center / EMU Professional
- Fronius Smart Meter
- my-PV Power Meter
- myStrom Energy Control Switch
- Phoenix Contact EEM (with Modbus TCP interface)
- Schneider Electric PowerTag Link
- Shelly 1PM, Shelly 2.5, Shelly EM, Shelly 3EM, Shelly 4Pro, Shelly Plug S (WLAN)
- Shelly Pro 1PM, Shelly Pro 2PM, Shelly Pro 3PM, Shelly Pro 4PM
- Siemens PAC2200 / PAC3200
- smart-me 3 phase meter (Cloud API)
- Socomenc Countis E27/E47
- Solar-Log PRO380-Mod
- TQ-Systems EM420



## Energy measurement (for ZEV / tenant electricity):

- ABB-B-Serie (MID)
- Eastron SDM630 Modbus V2 / MD
- EMU Professional 3/75 TCP/IP (P020000T)
- Optec / ecs M3PRO MID 80A with LAN-TCP/IP Modul
- Optec / ecs M3PRO MID 80A ModbusI
- smart-me 3 Phasen Zähler (Telstar ) 80A (LM) (Cloud API)
- smart-me 3 Phasen Zähler Telstar CT (LM) (Cloud API)
- Solar-Log PRO380-Mod



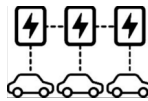
## Input devices (e.g. for load rejection):

- Advantech WISE-4060
- Gude 2302
- Janitza UMG 512-Pro / 604
- Siemens PAC 2200
- Shelly Pro 1, Shelly Pro 1PM, Shelly Pro 2, Shelly Pro 2PM, Shelly Pro 4PM
- Smart-me (Cloud API)



## Car charging stations:

- ABB EVLunic Pro S and Pro M
- ABB Terra AC (only MID via Modbus)
- ABB Terra AC (OCPP)
- Alfen EVE Single Pro-line with LBA-licence (incl. automatic 1-/3 phase switching)
- Alfen EVE Single S-line with LBA-licence (incl. automatic 1-/3 phase switching)
- Alfen Eve Double with LBA-licence (incl. automatic 1-/3 phase switching)
- Autel Maxi Charger (OCPP)
- Charge Amps Halo (Cloud API)
- Compleo / Innogy eBox
- Compleo Solo (OCPP)
- easee Home + Charge (incl. Automatic 1-/3 phase Switching) (Cloud API)
- EM2GO AC Wallbox (OCPP)
- Enelion Lumina (OCPP)
- Etrell Inch Home
- EVBox Elvi (OCPP)
- Fronius Wattpilot (OCPP)
- Garo Entity Pro (OCPP)
- go-eCharger HOME+ & Homefix V3 (incl. automatic 1-/3 phase switching)
- go-eCharger Gemini & Gemini flex (incl. automatic 1-/3 phase switching)
- JUICE CHARGER me (without counter, limited functionality)
- KEBA KeContact P30 c-series and x-series (local UDP)
- KEBA KeContact P30 c-series & x-series (OCPP)
- Mennekes Amtron Xtra, Premium, Professional and Amedio Professional, Mennekes Amtron Charge control
- Mennekes Amtron Compact 2.0s
- Optec / Garo GLB+
- Phoenix Contact ChargeX
- Schneider Electric EVLink / EVLink Pro AG
- Smart-me Pico
- Teltonika TelcoCharge (OCPP)
- Vestel EVC04-AC11/22 Home Smart (with token SW)
- Wallbe Pro
- Wallbe Eco 2.0 (no counter, limited functionality)
- Wallbox Pulsar Plus (OCPP)
- Webasto Live / Next / Unite
- Weidmüller AC smart Eco (no counter), Value and Advanced (incl. automatic 1- /3 phase switching)
- Weidmüller Business
- Zaptec Go (Cloud API)
- Zaptec Pro and Home (incl. automatic 1-/3 phase switching) (Cloud API)



## Car charging systems:

- Alfen Eve SCN
- easee (Cloud API)



## Bidirectional charging stations:

- Evttec sospeso&charge (Modbus licence)
- sun2wheel two-way-digital (Modbus licence)
- sun2wheel two-way-10 (Modbus licence)



## External displays:

- Solarfox Displays (Cloud API)
- Dingz LED (traffic light indicator surplus)
- LaMetric Time Smart-Display (LaMetric App)
- Tribyt retro-style Display
- Wiser by Feller Hoe App Widget



## Household appliances:

- Home Connect Dishwasher (Beta)
- Home Connect Dryer (Beta)
- Home Connect Washing Machine (Beta)
- Miele Dishwasher (Beta)
- Miele Dryer (Beta)
- Miele Washing Machine (Beta)

(a current overview you can find on

<https://www.askoma.com/en/products/products-for-the-pv-market/askofamily.html>)

The connection is always LAN unless otherwise noted