

List of compatible devices

What products is sonnenPro EMS compatible with?

- The sonnenPro EMS supports integration with a broad range of power meters, PV systems, EV chargers, and HVAC systems, and is designed for use in heterogeneous, multi-vendor system environments.
- It provides **native and tightly coupled integration** with sonnenPro Compact, sonnenPro FlexStack, and sonnen sb10 performance cascade as part of the sonnen system architecture.
- For devices or manufacturers without previously validated compatibility, integration can generally be realized **within 4-6 weeks**, subject to the availability and suitability of the device's **technical interface**.

The compatibility concept of the sonnenPro EMS enables the integration of existing battery storage systems from third-party manufacturers into a unified management system together with sonnenPro FlexStack, sonnenPro Compact, or a sonnen sb10 performance cascade.

If you have any questions, please contact sonnenpro@sonnen.de.

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Power Meters

Device name	Integration	Level of integration
ABB B23/B24	Modbus RS485	Read
ABB B24	Modbus RS485	Read
ABB M4M 2X	Modbus RS485	Read

Device name	Integration	Level of integration
Acrel DTSD1352	Modbus RS485	Read
Acuvim 2	Modbus RS485	Read
Algodue UPM209	Modbus RS485	Read
BMR PLA33RX	Modbus RS485	Read
Carlo Gavazzi EM210	Modbus RS485	Read
Carlo Gavazzi EM24	Modbus TCP	Read
Carlo Gavazzi EM300/ET300	Modbus RS485	Read
Chint DDSU666	Modbus RS485	Read
Chint DTSU666	Modbus RS485	Read
Circuitor CEM M-ETH	Modbus TCP, Modbus RS485	Read
Circuitor CEM-C21 series	Modbus TCP, Modbus RS485	Read
Circuitor CVM-C10	Modbus RS485	Read
DSMR / IEC 62056-21	Modbus RS485	Read
Eastron SDM630	Modbus RS485	Read
Enk Apsis energy mater	Modbus TCP	Read
Entes MPR 1X	Modbus TCP, Modbus RS485	Read
Entes MPR 2X	Modbus TCP, Modbus RS485	Read
Entes MPR-53CS	Modbus TCP, Modbus RS485	Read
GARO GNM3D/T Series	Modbus RS485	Read
GridWatch	Modbus TCP	Read
HIQ PM3-E-D-CT	Modbus RS485	Read
Huawei DDSU666-H	Modbus TCP, Modbus RS485	Read
Huawei DTSU666-H	Modbus TCP, Modbus RS485	Read
Huawei SmartLogger	Modbus RS485	Read
Huawei SmartLogger V3	Modbus RS485	Read
Huawei SUN2000 1P	Modbus TCP, Modbus RS485	Read
Huawei SUN2000 3P	Modbus TCP, Modbus RS485	Read
IME Nemo 96 HDLe	Modbus TCP	Read
Inepro PRO 380 MOD	Modbus RS485	Read
Iskra MI7130/7140/7140T/7150/Q96	Modbus RS485	Read
Iskra Power Quality Analyzer MC784/iMC 784	Modbus TCP	Read

Device name	Integration	Level of integration
Iskra Smart energy Meter IE38Mx	Modbus RS485	Read
Iskra WM3x6	Modbus RS485	Read
Iskraemeco MT880	Modbus RS485	Read
Iskraemeco Mx38x	Modbus RS485	Read
Janitza	Modbus TCP, Modbus RS485	Read
Janitza UMG 604 (Pro)	Modbus TCP	Read
Janitza UMG 806	Modbus TCP	Read
Janitza UMG 96	Modbus TCP, Modbus RS485	Read
Landis+Gyr E350	DLMS,	Read
Landis+Gyr E360	DLMS,	Read
Landis+Gyr E450	DLMS,	Read
Landis+Gyr E570	Modbus RS485	Read
Landis+Gyr E650	Modbus RS485	Read
Landis+Gyr E660	Modbus RS485	Read
Lovato Electric DMG series	Modbus TCP	Read
LOYTEC LGATE-902	Modbus TCP, Modbus RS485	Read
Meatrol ME131	Modbus TCP	Read
P1 WiFi / Ultra	Modbus TCP, Modbus RS485, Modbus	Read
Phoenix contact EEM-MA371 / EEM-MA370-R	Modbus TCP	Read
PQ Plus UMD 96	Modbus TCP	Read
Schneider Electric iEM3000 series	Modbus RS485	Read
Schneider Electric iEM3xxxx series	Modbus RS485	Read
Schneider Electric PM51xx / PM53xx	Modbus RS485	Read
Schneider Electric PM710	Modbus RS485	Read
Schrack MGRZK465	Modbus RS485	Read
Schrack MGX20406	Modbus RS485	Read
Schrack NA96	Modbus RS485	Read
Shelly EM50	Modbus TCP	Read and Control
Siemens Sentron PAC2200/PAC3200	Modbus TCP, Modbus RS485	Read
Sinexcell MC CEM9000	Modbus TCP	Read
Smart-Me	Modbus TCP	Read
Socomec countis P44	Modbus TCP, Modbus RS485	Read

Device name	Integration	Level of integration
SolarEdge Energy Meter 1P/3P	Modbus TCP	Read
Solar-Log	Modbus RS485	Read
Sonnen Meter	Modbus TCP	Read
SunSpec	Modbus RS485	Read
Tesla Backup Gateway	Modbus RS485	Read
TQ Energy Manager	Modbus RS485	Read
Victron Energy	Modbus RS485	Read
WattNode WNC 3Y/3D	Modbus RS485	Read

PV Inverter

Device name	Integration	Level of integration
Austa String Inverter 3P	Modbus RS485	Read and Control
Deye String Inverter 3P	Modbus RS485	Read and Control
Fronius SYMO & TAURO	Modbus TCP, Modbus RS485	Read and Control
Growatt MAX	Modbus RS485	Read and Control
Huawei SUN2000	Modbus RS485	Read and Control
Huawei SUN5000	Modbus RS485	Read and Control
Kaco	Modbus RS485	Read
Powerone	Modbus RS485	Read
REFUsoL 20K-33K-2T	Modbus RS485	Read and Control
REFUsoL G3	Modbus RS485	Read and Control
SMA STP 15000/17000/20000/25000	Modbus TCP, Modbus RS485	Read and Control
SMA Sunny Tripower CORE1 (STP 50-40 / STP 50-41)	Modbus TCP	Read and Control
SMA Sunny Tripower CORE2 (STP 110-60)	Modbus TCP	Read and Control
SMA Sunny Tripower X 12/15/20/25	Modbus TCP	Read and Control
SMA WebBox	Modbus TCP	Read
Sofar 70KTL G1/G2	Modbus TCP	Read and Control
SolarEdge	Modbus TCP, Modbus RS485	Read and Control
Solar-Log (Datenlogger)	Modbus TCP, Modbus RS485	Read and Control
Solax Power X3 Forth/Mega	Modbus RS485	Read and Control

Device name	Integration	Level of integration
Solax X3 MIC/PRO G2	Modbus RS485	Read and Control
Solis- (80-110)K-5G	Modbus RS485	Read and Control
Sungrow String Inverter 3P	Modbus TCP	Read and Control
SunSpec (Standard-Profil)	Modbus TCP, Modbus RS485	Read

Hybrid Inverter

Device name	Integration	Level of integration
SMA Sunny Tripower 10.0 SE	Modbus TCP	Read and Control
sonnen (Hybrid-Inverter)	REST API	Read and Control

Battery Storage

Device name	Integration	Level of integration
sonnenPro FlexStack	Modbus TCP	Read and Control
sonnenPro Compact	Modbus TCP	Read and Control

EV Charger

Devices integrated via the OCPP 1.6 communication protocol fully support “Charging Profiles”. Select “OCPP 1.6” when adding the device in the sonnenPro EMS Configurator.

Device name	Integration	Level of integration
ABB DC charger	OCPP 1.6	Read and Control
ABB Terra AC wallbox	Modbus TCP, Modbus RS485, OCPP 1.6	Read and Control
Alfen NG9xx	Modbus TCP, OCPP 1.6	Read and Control
Alpitronic Hypercharger	Modbus TCP, OCPP 1.6	Read and Control
AmbiBox ambiCHARGE	Modbus TCP	Read and Control
Autel	Modbus TCP	Read and Control
Dazebox	Modbus TCP	Read and Control
Delta	Modbus TCP	Read and Control
Easee	Modbus TCP	Read and Control
Efacec	Modbus TCP	Read and Control
Elli	Modbus TCP	Read and Control

Device name	Integration	Level of integration
Enelion Lumina	Modbus TCP, Modbus RS485	Read and Control
Etrek Inch (with Modbus interface)	Modbus TCP, OCPP 1.6	Read and Control
Fronius	OCPP 1.6	Read and Control
GARO Entity	OCPP 1.6	Read and Control
GL Charge GlowBox Silver/Platinum/PublicBox	Modbus TCP, Modbus RS485	Read and Control
go-e Charger Gemini flex 11/22 kW	Modbus TCP, OCPP 1.6	Read and Control
go-e Pro	Modbus TCP, OCPP 1.6	Read and Control
HardyBarth cPH	REST API	Read and Control
HardyBarth cPH (Salia)	REST API	Read and Control
KEBA KeContact P30	Modbus TCP, OCPP 1.6	Read and Control
KEBA KeContact P40	OCPP 1.6	Read and Control
Metron Standard/Duo/Quattro +	Modbus TCP, OCPP 1.6	Read and Control
OCPP 1.6 - JSON	OCPP 1.6	Read and Control
SAJ Electric EVC1-7.4K-ACS-P / EVC1-11K-ACT-P	REST API, OCPP 1.6	Read and Control
Schneider Electric EVlink Smart Wallbox	Modbus TCP, OCPP 1.6	Read and Control
Schrack i-CHARGE CION	Modbus TCP	Read and Control
Schrack i-CHARGE CION PRO	Modbus TCP	Read and Control
SMA	OCPP 1.6	Read and Control
SolarEdge	OCPP 1.6	Read and Control
sonnen Charger	OCPP 1.6	Read and Control
Walter Werke Smart EVO	Modbus TCP	Read and Control
xCharge C7	Modbus TCP	Read and Control
Zaptec GO + GO2	REST API	Read and Control
Zaptec PRO	REST API	Read and Control
ZeroVA Energy Charger	Modbus TCP	

Heating Rods

Device name	Integration	Level of integration
my-PV AC Thor & 9s	Modbus TCP	Read and Control