

SUNGROW THIRD PARTY COMPATIBILITY OVERVIEW

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Applicable scenarios for the integration of external protocols and components

	Modbus RTU RS485	Modbus TCP Ethernet	Modbus Sunspec RS485	API* (iSolarCloud)	FTP
SGxxRT	√	√	√	√	-
SGxxRS	√	√	-	√	-
SHxxRS	√	√	-	√	-
SHxxRT	√	√	-	√	-
SGxxCX	√	√	√	√	-
SGxxCX-P2	√	√	√	√	-
COM100E	√	√	√	√	√

Energy Management System

*R = residential, C = commercial, U = utility

Partner	R	C	U	Hardware	Software	Compatible Sungrow Devices	Interface	Focused solution
Tibber	x			-	Tibber App	iSolarCloud	iSolarCloud API	Dynamic Tariff, Energy Trading VPP
Enpal	x			Enpal Energy Manager	Enpal App	iSolarCloud	iSolarCloud API	Smart Home Energy Trading
1komma5	x			Heartbeat	Heartbeat App	iSolarCloud	iSolarCloud API	Smart Load Dynamic Tariff Energy Trading
GridX	x	x		GridBox	XENON	iSolarCloud SHRT SHRS SGCX SGCX-P2	Modbus, API	HEMS Smart Charging
Clever PV	x			-	Clever PV App	iSolarCloud	iSolarCloud API	Smart Load Smart Charging
SolarManager	x			Solar Manager Solar manager Connect	SolarManager Monitoring	SGRS SGRT SHRT SGCX / SGCX-P2 SungrowLogger1000 Sungrow Energy Meter - SGxxKTL-M (LM) only	Modbus TCP/RTU	Smart Load
Checkwatt	x	x		-	EnergyinBalance	SHRT	iSolarCloud API	Smart Control Smart Metering Ancillary Service
Evergen	x	x	x	-	Evergen App / Portal Installer Portal	iSolarCloud	iSolarCloud API	Smart Load Smart Tariff Balancing Service
KiwiGrid (*Zolar uses KiwiGrid)	x			Energy Manager Voyager X / RailX	The Independent Home / KiwiOS Cloud KiwiOS X	SHRT	Modbus TCP	HEMS Smart Tariff Smart Charging

SmartFox	x	x		SmartFox Energy Manager SmartFox Energy Meter	My SmartFox Monitoring & App	SHRT SBR SGRT SGCX	Modbus TCP	Smart Load
Meteocontrol	x	x	x	blue'Log X / XC Series Data Station X-Series Sensor/Power analyzers/energy meter Power Plant Controller	VCOM Cloud SCADA Center	SGCX(-P2) SHRT SHRS Logger1000	Modbus RTU	PV monitoring SCADA & Plant Control (PPC) Energy Trading
SolarLog	x	x		SolarLog Base	Solar-Log WEB Enerest™	SHRT SHRS SGRT SGCX SGCX-P2	Modbus TCP/RTU	Smart Load Feed-in Management Direct Marketing
Smart 1	x	x		EASY Commercial EMS Cabinet the smart1 EASY EMS	Smart1® Portal	AC Charger	Modbus RTU/TCP	Smart Load Battery Control HEMS
Plexlog	x	x	x	Energy Manager PL logger	Plexlog Portal	SHRT SGRS SGRT	Modbus RTU/TCP	Smart Load Feed-in Management Direct Marketing

Charging Solution

Partner	Hardware	Software	Compatible Sungrow Devices	Interface	Focused Solution
EVCC	-	EVCC App	SHRT SGRT SGRS	Modbus RTU/TCP	Smart Charging, Dynamic Tariff
OpenWB	PLC (OpenWB Series 2)	OpenWB software2	SHRT	Modbus TCP	Smart Charging, Smart Load *All Wallbox (up to 95%) can be connected

Heating

Partner	Hardware	Software	Compatible Sungrow Devices	Interface	Focused Solution
My-PV	AC-THOR / AC-THOR 9s AC ELWA 2	-	SHRT	Modbus TCP	Hot water with PV Heating with PV
Askoma	Heating Elements (ASKOHEAT+) + ASKOSET (Energy Manager)	ASKOHOME + App	SHRT SGRT SGRS	Modbus TCP	Hot Water with PV Heating with PV Smart Home