

SUNGROW

LOGGER 1000 COMPATIBILITY LIST



SUNGROW EUROPE, 22.03..2023

SMART MON. & CTL.

COMPATIBILITY LIST FOR LOGGER 1000



**PLUG & PLAY
CONNECTION**



**INTELLIGENT
FUNCTIONS**



**DELICATE
FEATURES**














COMPATIBLE SUNGROW INVERTERS

PV String Inverters			PV Central Inverters
SG3-20RT	SG33-50CX	SG25-50CX-P2	SG500MX
	SG110CX	SG125CX-P2	SG630MX
	SG250HX		SG1000
	SG125HV		SG1250
	SG125HV-20		









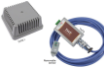









COMPATIBLE METEOSTATION

Equipment type	Company	Model	Figure	Datasheet	Purchase source
Meteostation	Lufft	WS601		 WS601	Third party manufacturer
	Kipp&Zonen	SMP10		 SMP10	Third party manufacturer
		RT1		 RT1	Third party manufacturer
	Rainwise	PVMet200		 PVMet75_200	Third party manufacturer
		PVMet75			Third party manufacturer
	Ingenieurbüro	Si-RS485TC		 Si-RS485TC	Third party manufacturer









COMPATIBLE METEOSTATION

Equipment type	Company	Model	Figure	Datasheet	Purchase source
Meteostation	Hukseflux*	SR05			Third party manufacturer
		SR15			Third party manufacturer
		SR30			Third party manufacturer
	Papouch*	TQS4			Third party manufacturer
		THT2			Third party manufacturer
	Meteocontrol*	SR20			Third party manufacturer
	ABB*	VSN800			Third party manufacturer
	As-ster*	HT125			Third party manufacturer

- Preliminary FW package for the Logger is available for these sensors on request.












COMPATIBLE ONLY WITH MANUAL SETTINGS

Equipment type	Company	Model	Figure	Datasheet	Purchase source
Meteostation	Seven Sensor	3S-IS		Irradiance Sensor With Modbus RTU Output	Third party manufacturer
		3S-AT-18B20		Ambient Temperature Sensor 18B20	Third party manufacturer
		3S-MT-18B20		Module Temperature Sensor -18B20	Third party manufacturer
		3S-WS-PLS-P		Wind Speed Sensor With Digital Output	Third party manufacturer
		3S-RH-I		Humidity Sensor With Analog Output	Third party manufacturer
		3S-WD-I		Wind Direction Sensor With Analog Output	Third party manufacturer

- For specific manual settings for Seven Sensor please use the following [link](#).



COMPATIBLE SMART ENERGY METERS

Equipment type	Company	Model	Figure	Datasheet	Purchase source	Feed-in Limitation Capability* (reaction time)
Meter	SFERE	PD194EZ		Technical information	Third party manufacturer	Yes
	Acrel	DTSD1352 (80A)		Technical information	SUNGROW	Yes (*only for single SGRT) (≥ 800)
		DTSD1352 (6A)		Technical information	SUNGROW	Yes (≥ 800)
		DLT645-07		N/A	Third party manufacturer	Yes
		PZ96-E3		Technical Information	Third party manufacturer	Yes
	Janitza (RS485 A&B is reversed to logger RS485 A&B)	UMG604		Technical information	Third party manufacturer	Yes (<400ms)
		UMG104		Technical Information	Third party manufacturer	Yes
		UMG103		Technical Information	Third party manufacturer	Yes
	Weidmüller (RS485 A&B is reversed to logger RS485 A&B)	EM610		Technical Information	Third party manufacturer	Yes (<400ms)

- For specific information about number of supported devices get in touch directly with Sungrow.

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