

SUNGROW ACCESSORIES **COMPATIBILITY LIST**

05.05.2023 | VERSION 2.0

Applicable scenarios with monitoring, consumption visualization, and feed-in limitation

Residential PV

Inverter	Inverter Quantity	Devices	Monitoring	Consumption Visualization	Feed-in limitation ¹	Compatible Energy Meter
SGxxRS	one / multiple	WiNet (each inv.)	yes (iSC)	no	no	n/a
	one	Energy Meter + WiNet		yes	yes (iSC)	S100
SGxxRT	one / multiple	WiNet (each inv.)		no	no	n/a
	one	Energy Meter + WiNet or COM100E		yes	yes	DTSD1352-C/1 (6)A, UMG604, UMG104, EM610, DTSU666
	multiple (up to 5)	Energy Meter + COM100E		yes	yes (Logger1000)	DTSD1352-C/1 (6)A, UMG604, UMG104, EM610

Residential Hybrid

Inverter	Inverter Quantity	Devices	Monitoring	Consumption Visualization	Feed-in limitation ¹	Compatible Energy Meter
SHxxRS	one / multiple	WiNet (each inv.)	yes (iSC)	no	no	n/a
	one	Energy Meter + WiNet		yes	yes (iSC)	S100, DTSU666 5(80)A (Delta grid)
SHxxRT	one / multiple	WiNet (each inv.)		no	no	n/a
	one	Energy Meter + WiNet		yes	yes (iSC)	DTSD1352-C/1 (6)A, DTSU666, DTSU666-20 ²
	multiple (up to 5)	Energy Meter + WiNet (each inv.)		yes	yes (iSC)	DTSD1352-C/1 (6)A, DTSU666, DTSU666-20 ²

1: Please always observe country-specific regulations; 2: Only compatible with SHxxRT-20; iSC: iSolarCloud

Commercial:

Inverter	Inverter Quantity	Devices	Monitoring	Consumption Visualization	Feed-in limitation ¹	Energy Meter
SGxxCX	one / multiple	WiNet (each inv.) or COM100E or EYEM4	yes (iSC)	no	no	n/a
	multiple	Energy Meter + COM100E ²		yes	yes (Logger1000)	DTSD1352-C/1 (6)A, UMG604, UMG104, EM610, IEM3255, PZ96-E3, PD194EZ
		Energy Meter + EyeM4 ³		yes	yes (iSC)	DTSD1352-C/1 (6)A, UMG604, UMG104, EM610
SGxxCX-P2	one / multiple	WiNet (each inv.) or COM100E ²		no	no	n/a
	one	Energy Meter + WiNet		yes	yes (iSC)	DTSD1352-C/1 (6)A, UMG604, UMG104, EM610
		Energy Meter + COM100E		yes	yes (Logger1000)	DTSD1352-C/1 (6)A, UMG604, UMG104, EM610, IEM3255, PZ96-E3, PD194EZ
multiple	Energy Meter + COM100E ²	yes	yes (Logger1000)			

1: Please always observe country-specific regulations; 2: Please check pages 8 and 9 for how many devices can be connected to COM100E; 3: Please check page 9 for how many devices can be used with the EyeM4; iSC: iSolarCloud

SG2.0-6.0RS

Compatibility Overview



Communication

	Part of delivery	Max. Support	Features / Comment
WiNet-S	yes	max. 1 device	10 sec. refresh, WiFi or Ethernet

Energy Meters

	Part of delivery	Feed-in limitation	Features / Comment
S100	no	max. 1 device	

SG3.0-20RT

Compatibility Overview



Communication

	Part of delivery	Max. Support	Features / Comment
WiNet-S	yes	max. 1 device	10 sec. refresh, WiFi or Ethernet
COM100E	no	max. 5 devices**	FTP push, connecting environm. sensors, daisy chain mode, WiFi or Ethernet

Energy Meters

	Part of delivery	Feed-in limitation	Features / Comment
DTSU666 5(80)A*	no	max. 1 device	
DTSD1352 6A*	no	max. 5 devices**	CT from 3rd party manufacturer, feed-in limitation supported by COM100E
Janitza (UMG604, UMG104)	no	max. 5 devices**	3rd party manufacturer, feed-in limitation supported by COM100E
Weidmüller (EM610)	no	max. 5 devices**	3rd party manufacturer, feed-in limitation supported by COM100E

* only with meter version bought from Sungrow

** devices: inverters, energy meters, and irradiation sensors

SH3.0-6.0RS

Compatibility Overview



Communication

	Part of delivery	Max. Support	Features / Comment
WiNet-S	yes	max. 1 device	10 sec. refresh, WiFi or Ethernet

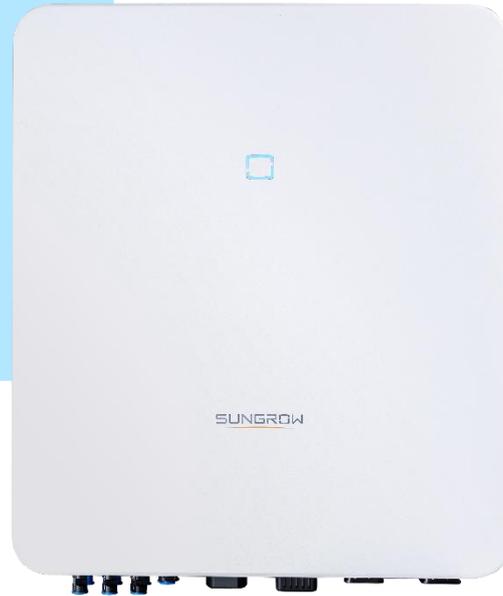
Energy Meters

	Part of delivery	Feed-in limitation	Features / Comment
S100	yes	max. 1 device	
DTSU666 5(80)A*	no	max. 1 device	For delta grid 3x 230 V operation without Neutral

* only with meter version bought from Sungrow

SH5.0-10RT

Compatibility Overview



Communication

	Part of delivery	Max. Support	Features / Comment
WiNet-S	yes	max. 1 device	10 sec. refresh, WiFi or Ethernet

Energy Meters

	Part of delivery	Feed-in limitation	Features / Comment
DTSU666 5(80)A*	yes, for SHxxRT V112	yes, 1 per host inverter	
DTSD1352 6A*	no	yes, 1 per host inverter	CT from 3rd party manufacturer, feed-in limitation supported by COM100E
DTSU666-20*	yes, for SHxxRT-20	yes, 1 per host inverter	3x 100 A / 300 mV CT included, only compatible with SHxxRT-20, 3x 250 A / 330 mV CT to be purchased separately

* only with meter version bought from Sungrow

SG33-125CX-P2

Compatibility Overview



Communication

	Part of delivery	Max. Support	Features / Comment
WiNet-S	no	max. 1 device	10 sec. refresh, WiFi or Ethernet
COM100E	no	max. 30 devices**	FTP push, connecting environm. sensors, daisy chain mode, WiFi or Ethernet

Energy Meters

	Part of delivery	Feed-in limitation	Features / Comment
DTSD1352 6A*	no	Logger: max. 30 devices** (SG33-50CX-P2) Logger: max. 25 devices** (SG125CX-P2)	CT from 3rd party manufacturer, feed-in limitation supported by COM100E
Janitza (UMG604, UMG104)	no	Logger: max. 30 devices**	3rd party manufacturer, feed-in limitation supported by COM100E
Weidmüller (EM610)	no	Logger: max. 30 devices**	3rd party manufacturer, feed-in limitation supported by COM100E

* only with meter version bought from Sungrow

** devices: inverters, energy meters, and irradiation sensors

SG33-110CX

Compatibility Overview



Communication

	Part of delivery	Max. Support	Features / Comment
WiNet-S	no	max. 1 device	10 sec. refresh, WiFi or Ethernet
COM100E	no	max. 30 devices**	FTP push, connecting environm. sensors, daisy chain mode, WiFi or Ethernet
EyeM4	No	max. 10 devices**	Daisy chain mode, WiFi

Energy Meters

	Part of delivery	Feed-in limitation	Features / Comment
DTSD1352 6A*	no	Logger: max. 30 devices** (SG33-50CX) Logger: max. 25 devices** (SG110CX) EyeM4: max. 10 devices**	CT from 3rd party manufacturer, feed-in limitation supported by COM100E
Janitza (UMG604, UMG104)	no	Logger: max. 30 devices** EyeM4: max. 10 devices**	3rd party manufacturer, feed-in limitation supported by COM100E
Weidmüller (EM610)	no	Logger: max. 30 devices** EyeM4: max. 10 devices**	3rd party manufacturer, feed-in limitation supported by COM100E

* only with meter version bought from Sungrow

** devices: inverters, energy meters, and irradiation sensors