

# SUNGROW INVERTERS COMPATIBILITY LIST

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

Residential PV

Inverter	Inverter Quantity	Devices	Monitoring	Consumption Visualization	Feed-in limitation <sup>1</sup>	Compatible Energy Meter
SGxxRS	one / multiple	WiNet-S/S2 (each inv.)	yes (iSC)	no	no	n/a
	one	Energy Meter + WiNet-S/S2		yes	yes (iSC)	S100
SGxxRT	one / multiple	WiNet-S/S2 (each inv.)		no	no	n/a
	one	Energy Meter + WiNet-S/S2		yes	yes	DTSD1352-C/1 (6)A, DTSU666, DTSU666-20
	multiple (up to 5)	Energy Meter + COM100E		yes	yes (COM100E)	DTSD1352-C/1 (6)A, UMG, EM610, DTSU666, DTSU666-20

Residential Hybrid

Inverter	Inverter Quantity	Devices	Monitoring	Consumption Visualization	Feed-in limitation <sup>1</sup>	Compatible Energy Meter
SHxxRS	one / multiple	WiNet-S/S2 (each inv.)	yes (iSC)	no	no	n/a
	one	Energy Meter + WiNet-S/S2		yes	yes (iSC)	S100, DTSU666 (Delta grid)
SHxxRT	one / multiple	WiNet-S/S2 (each inv.)		no	no	n/a
	one	Energy Meter + WiNet-S/S2		yes	yes (iSC)	DTSD1352-C/1 (6)A, DTSU666, DTSU666-20 <sup>2</sup>
	multiple (up to 2)	Energy Meter + WiNet-S/S2 (each inv.)		yes	yes (iSC)	DTSD1352-C/1 (6)A, DTSU666, DTSU666-20 <sup>2</sup>
SH15-25T	one / multiple	WiNet-S/S2 (each inv.)		yes (iSC)	no	no
	one	Energy Meter + WiNet-S2	yes		yes (iSC)	DTSU666, DTSU666-20
	multiple (up to 2)	Energy Meter + WiNet-S2 (each inv.)	yes		yes (iSC)	DTSU666, DTSU666-20

<sup>1</sup>: Please always observe country-specific regulations; iSC: iSolarCloud <sup>2</sup>: Not compatible with SHxxRT-V11

C&I:

Inverter	Inverter Quantity	Devices	Monitoring	Consumption Visualization	Feed-in limitation <sup>1</sup>	Energy Meter	
SGxxCX	one / multiple	WiNet-S/S2 (each inv.) or COM100E or EyeM4	yes (iSC)	no	no	n/a	
	one	Energy Meter + EyeM4		yes	yes (EyeM4)	DTSD1352-C/1 (6)A, UMG604, EM610	
		Energy Meter + COM100E		yes	yes (COM100E)	DTSD1352-C/1 (6)A, UMGxx, EM610, DTSU666, DTSU666-20, IEM3255, PZ96-E3, PD194EZ	
	multiple	Energy Meter + COM100E <sup>2</sup>		yes	yes (COM100E)		
Energy Meter + EyeM4 <sup>3</sup>		yes		yes (EyeM4)	DTSD1352-C/1 (6)A, UMG604, EM610		
SGxxCX-P2	one / multiple	WiNet-S/S2 (each inv.) or COM100E <sup>2</sup>		yes (iSC)	no	no	n/a
	one	Energy Meter + WiNet-S/S2			yes	yes (iSC)	DTSD1352-C/1 (6)A, UMG604, EM610, DTSU666, DTSU666-20 [only 25-50CX-P2]
		Energy Meter + COM100E			yes	yes (COM100E)	DTSD1352-C/1 (6)A, UMGxx, EM610, DTSU666, DTSU666-20, IEM3255, PZ96-E3, PD194EZ
	multiple	Energy Meter + COM100E <sup>2</sup>	yes		yes (COM100E)		

<sup>1</sup>: Please always observe country-specific regulations; <sup>2</sup>: Please check pages 9 and 10 for how many devices can be connected to COM100E; <sup>3</sup>: Please check page 10 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
<b>WiNet-S/S2</b>	yes	max. 1 device	10 sec. refresh, WiFi or Ethernet

### Energy Meters

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

### MLPE

	Part of delivery	Features / Comment
<b>SP600S</b>	no	Compatible only with SGxxRS V13

# SG3.0-20RT

## Compatibility Overview



### Communication

	Part of delivery	Max. Support	Features / Comment
<b>WiNet-S/S2</b>	yes	max. 1 device	10 sec. refresh, WiFi or Ethernet
<b>COM100E</b>	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	WiNet-S/S2: max. 1 device COM100E: max. 5 devices**	
DTSD1352 6A*	no	WiNet-S/S2: max. 1 device COM100E: max. 5 devices**	CT from 3rd party manufacturer
DTSU666-20*	no	WiNet-S/S2: max. 1 device COM100E: max. 5 devices**	3x 100 A / 330 mV CT or 3x 250 A / 330 mV CT to be purchased separately
Janitza (UMG)	no	COM100E: max. 5 devices**	3rd party manufacturer
Weidmüller (EM610)	no	COM100E: max. 5 devices**	3rd party manufacturer

\* 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
<b>WiNet-S/S2</b>	yes	max. 1 device	10 sec. refresh, WiFi or Ethernet

### Energy Meters

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

\* only with meter version bought from Sungrow

### EV-Charger

	Part of delivery	Max. Support	Features / Comment
<b>AC007E-01</b>	no	max. 1 device	Compatible with SHRS V11 and V13

### MLPE

	Part of delivery	Features / Comment
<b>SP600S</b>	no	Compatible only with SHxxRS V13

# SH5.0-10RT

## Compatibility Overview



### Communication

	Part of delivery	Max. Support	Features / Comment
<b>WiNet-S/S2</b>	yes	max. 1 device	10 sec. refresh, WiFi or Ethernet

### Energy Meters

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

\* only with meter version bought from Sungrow \*\* also compatible with SHxxRT-V112, but not with SHxxRT-V11

### EV-Charger

	Part of delivery	Max. Support	Features / Comment
<b>AC011E-01</b>	no	max. 1 device	Compatible with SHRT V11, V112 and SHRT-20

# SH15-25T

## Compatibility Overview



### Communication

	Part of delivery	Max. Support	Features / Comment
<b>WiNet-S2</b>	yes	max. 1 device	10 sec. refresh, WiFi or Ethernet

### Energy Meters

	Part of delivery	Feed-in limitation	Features / Comment
<b>DTSU666 5(80)A*</b>	no	yes, 1 per host inverter	
<b>DTSU666-20*</b>	yes	yes, 1 per host inverter	3x 100 A / 330 mV CT included, 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
<b>WiNet-S/S2</b>	no	max. 1 device	10 sec. refresh, WiFi or Ethernet
<b>COM100E</b>	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
<b>DTSD1352 6A*</b>	no	WiNet-S/S2 : max. 1 device COM100E: max. 30 devices** (SG33-50CX-P2) COM100E: max. 25 devices** (SG125CX-P2)	CT from 3rd party manufacturer
<b>Janitza (UMG)</b>	no	WiNet-S/S2 (only UMG604) : max. 1 device COM100E (UMGxx): max. 30 devices**	3rd party manufacturer
<b>Weidmüller (EM610)</b>	no	WiNet-S/S2 : max. 1 device COM100E: max. 30 devices**	3rd party manufacturer
<b>DTSU666*</b>	no	WiNet-S/S2 : max. 1 device (only SG25-50CX-P2) COM100E: max. 30 devices**	Currently, direct connection of DTSU666(-20) in single inverter scenarios only available for SG25-50CX-P2
<b>DTSU666-20*</b>	no	WiNet-S/S2 : max. 1 device (only SG25-50CX-P2) COM100E: max. 30 devices**	

\* 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
<b>WiNet-S/S2</b>	no	max. 1 device	10 sec. refresh, WiFi or Ethernet
<b>COM100E</b>	no	max. 30 devices**	FTP push, connecting environm. sensors, daisy chain mode, WiFi or Ethernet
<b>EyeM4</b>	no	max. 10 devices**	Daisy chain mode, WiFi

### Energy Meters

	Part of delivery	Feed-in limitation	Features / Comment
<b>DTSD1352 6A*</b>	no	COM100E: max. 30 devices** (SG33-50CX) COM100E: max. 25 devices** (SG110CX) EyeM4: max. 10 devices**	CT from 3rd party manufacturer
<b>Janitza (UMG)</b>	no	COM100E (UMGxx): max. 30 devices** EyeM4 (only UMG604): max. 10 devices**	3rd party manufacturer
<b>Weidmüller (EM610)</b>	no	COM100E: max. 30 devices** EyeM4: max. 10 devices**	3rd party manufacturer

\* only with meter version bought from Sungrow

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