

# SUNGROW INVERTERS, BATTERIES & HEMS **COMPATIBILITY LIST**

29.01.2026 | VERSION 4.2

Residential PV

Inverter	Inverter Quantity	Devices	Monitoring	Consumption Visualization	Feed-in limitation <sup>1</sup>	Compatible Energy Meter
SGxxRS	one / multiple	WiNet-S/S2 or EyeS4-EU (each inv.)	yes (iSC)	no	no	n/a
	one	Energy Meter + WiNet-S/S2 or EyeS4-EU		yes	yes (iSC)	S100, DTSU666, DTSU666-20
SGxxRT SGxxRT-P2*	one / multiple	WiNet-S/S2 or EyeS4-EU (each inv.)		no	no	n/a
	one	Energy Meter + WiNet-S/S2 or EyeS4-EU		yes	yes	DTSD1352-C/1 (6)A, DTSU666, DTSU666-20
	multiple (up to 5)	Energy Meter + COM100E/D		yes	yes (COM100E/D)	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 or EyeS4-EU (each inv.)	yes (iSC)	no	no	n/a
	one	Energy Meter + WiNet-S/S2 or EyeS4-EU		yes	yes (iSC)	S100, DTSU666, DTSU666-20
	Multiple (up to 2 <sup>2</sup> )	Energy Meter + WiNet-S/S2		yes	Yes (iSC)	S100, DTSU666, DTSU666-20
SHxxRT(-20)	one / multiple	WiNet-S/S2 or EyeS4-EU (each inv.)		no	no	n/a
	one	Energy Meter + WiNet-S/S2 or EyeS4-EU		yes	yes (iSC)	DTSU666, DTSU666-20 <sup>2</sup>
	multiple (up to 2)	Energy Meter + WiNet-S/S2 (each inv.)		yes	yes (iSC)	DTSU666, DTSU666-20 <sup>2</sup>
SHxxT	one / multiple	WiNet-S2 or EyeS4-EU (each inv.)	yes (iSC)	no	no	n/a
	one	Energy Meter + WiNet-S2 or EyeS4-EU		yes	yes (iSC)	DTSU666, DTSU666-20
	multiple (up to 4)	Energy Meter + WiNet-S2 (each inv.)		yes	yes (iSC)	DTSU666, DTSU666-20
	Multiple (up to 8 with 5 CX or CX-P2)	Logger1000 and Energy meter to the logger-No WiNet-S2		Yes	Yes	All those compatible with Logger1000, DTSU666-20 recommended

<sup>1</sup>: Please always observe country-specific regulations; <sup>2</sup>: Not compatible with SHxxRT-VII 3; Zero feed-in needs to be set in order to function correctly (2x SHRS)

\*: SGxxRT-P2 and SHxxRS V13 only support SP600S compatibility, and UMG, EM610 are not compatible.

C&I:

Inverter	Inverter Quantity	Devices	Monitoring	Consumption Visualization	Feed-in limitation <sup>1</sup>	Energy Meter
SG33-110CX	one / multiple	WiNet-S/S2 or COM100E/D or EyeM4 or EyeS4-EU	yes (iSC)	no	no	n/a
	one	Energy Meter + EyeM4		yes	Yes (EyeM4)	DTSD1352-C/1 (6)A, UMG604, EM610
		Energy Meter + COM100E/D		yes	yes (COM100E/D)	DTSD1352-C/1 (6)A, UMGxx, EM610, DTSU666, DTSU666-20, IEM3255, PZ96-E3, PD194EZ
	multiple	Energy Meter + COM100E/D <sup>2</sup>		yes	yes (COM100E/D)	
Energy Meter + EyeM4 <sup>3</sup>		yes		Yes (EyeM4)	DTSD1352-C/1 (6)A, UMG604, EM610	
SG25-125CX-P2	one / multiple	WiNet-S/S2 or EyeS4-EU or COM100E/D <sup>2</sup>		no	no	n/a
	one	Energy Meter + WiNet-S/S2 or EyeS4-EU		yes	yes (iSC)	DTSD1352-C/1 (6)A, UMG604, EM610, DTSU666, DTSU666-20
		Energy Meter + COM100E/D		yes	yes (COM100E/D)	DTSD1352-C/1 (6)A, UMGxx, EM610, DTSU666, DTSU666-20
multiple	Energy Meter + COM100E/D <sup>2</sup>	yes	yes (COM100E/D)	IEM3255, PZ96-E3, PD194EZ		
SG150CX	one / multiple	WiNet-S2 or EyeS4-EU or COM100E/D <sup>2</sup>	yes (iSC)	no	no	n/a
	one	Energy Meter + WiNet-S2 or EyeS4-EU		yes	yes (iSC)	DTSD1352-C/1 (6)A, UMG604, EM610, DTSU666-20
		Energy Meter + COM100E/D		yes	yes (COM100E/D)	DTSD1352-C/1 (6)A, UMGxx, EM610, DTSU666, DTSU666-20
	multiple	Energy Meter + COM100E/D <sup>2</sup>		yes	yes (COM100E/D)	IEM3255, PZ96-E3, PD194EZ

<sup>1</sup>: Please always observe country-specific regulations; <sup>2</sup>: Please check below how many devices can be connected to COM100E/D; <sup>3</sup>: Please check below 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
<b>EyeS4-EU</b>	no	max. 1 device	10 sec. refresh, 4G

### Energy Meters

	Part of delivery	Feed-in limitation	Features / Comment
<b>S100*</b>	Yes	max. 1 device	1x 100 A / 25 mA CT incl.
<b>DTSU666*</b>	no	max. 1 device	
<b>DTSU666-20*</b>	no	max. 1 device	1x 100 A / 333 mV CT or 1x 250 A / 333 mV CT to be purchased separately

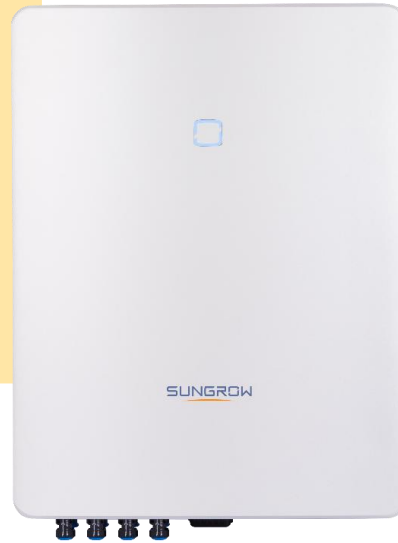
\* only with meter version bought from Sungrow

### MLPE

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

# SG3.0-20RT (-P2)

## 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>EyeS4-EU</b>	no	max. 1 device	10 sec. refresh, 4G
<b>Logger1000 COM100E</b> <b>Logger1000A-EU</b> <b>COM100D-EU</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/D: max. 5 devices**	
DTSD1352 6A*	no	WiNet-S/S2: max. 1 device COM100E/D: max. 5 devices**	3x 5-6300 A / 5 A CT to be purchased separately
DTSU666-20*	no	WiNet-S/S2: max. 1 device COM100E/D: max. 5 devices**	3x 100 A / 333 mV CT or 3x 250 A / 333 mV CT to be purchased separately
Janitza Weidmüller (UMG) (EM610)	no	COM100E/D: max. 5 devices**	3 <sup>rd</sup> party manufacturer

\* only with meter version bought from Sungrow

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

### MLPE

	Part of delivery	Features / Comment
<b>SP600S</b>	no	Compatible only with SGxxRT-P2 via WiNet-S2

# 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
<b>EyeS4-EU</b>	no	max. 1 device	10 sec. refresh, 4G

### Energy Meters

	Part of delivery	Feed-in limitation	Features / Comment
<b>S100</b>	yes	yes, 1 per host inverter	1x 100 A / 25 mA CT incl. For 2x SHRS in parallel, zero feed-in needs to be set
<b>DTSU666 5(80)A*</b>	no	yes, 1 per host inverter	For delta grid 3x 230 V operation without Neutral For 2x SHRS in parallel, zero feed-in needs to be set
<b>DTSU666-20*</b>	no	yes, 1 per host inverter	1x 100 A / 333 mV CT or 1x 250 A / 333 mV CT to be purchased separately 2x 100A/333mV CT for ATS + Diesel Generator Microgrid mode to be purchased separately For 2x SHRS in parallel, zero feed-in needs to be set

\* only with meter version bought from Sungrow

### EV-Charger

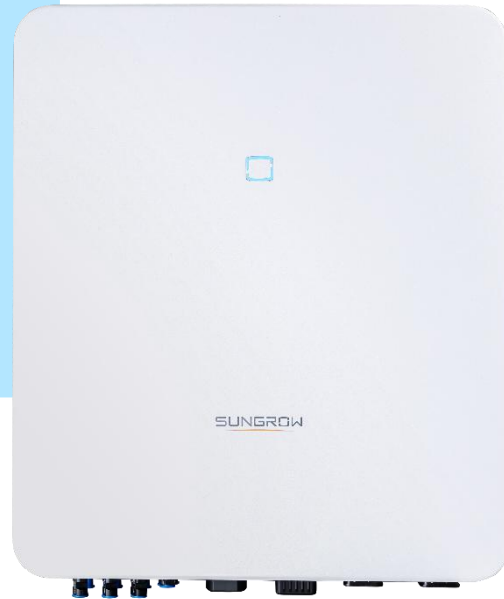
	Part of delivery	Max. Support	Features / Comment
<b>AC007E-01</b>	no	max. 1 device	Compatible with SHRS V11 and V13

### MLPE

	Part of delivery	Features / Comment
<b>SP600S</b>	no	Compatible only with SHxxRS V13 via WiNet-S2

# SH5.0-10RT(-20)

## 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>EyeS4-EU</b>	no	max. 1 device	10 sec. refresh, 4G

### 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>DTSU666-20**</b>	yes, for SHxxRT-20	yes, 1 per host inverter	3x 100 A / 333 mV CT included, 3x 250 A / 333 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
<b>AC22E-01</b>	no	max. 1 device	Compatible with SHRT V11, V112 and SHRT-20

# iHomeManager

## Compatibility Overview



Inverter	Max. Devices	Communication Device	Battery	AC Charger	Max. AC Chargers	iHM
<b>SG5.0-20RT</b>	up to 5	Winet-S	Not supported	AC22E-01	1	Compulsory
<b>SH5.0-10RT-20</b> <b>SH5.0-10RT (V11, V12)</b>	up to 5	Winet-S/S2	SBR	AC22E-01	1	Optional
<b>SH5.0-25T</b>	up to 5	Winet-S2	SBR/SBH	AC22E-01*	1	Compulsory
<b>SH3.0-6RS</b>	Up to 5	Winet S/S2	SBS/SBR	AC22E-01	1	Compulsory
<b>S450S**</b> <b>S800S**</b> <b>S1000S**</b> <b>S1600S**</b>	up to 15	iHomeManager	Not supported	Not supported	/	Optional

\*Please note that the combination of AC22E-01 and SHT Hybrid inverter can only be used together with the iHomeManager

\*\* Only for metering purposes to monitor the consumption in iSolarCloud

# SH5.0-25T

## Compatibility Overview



### Communication

	Part of delivery	Max. Support	Features / Comment
<b>WiNet-S2</b>	yes	max. 1 device	10 sec. refresh, WiFi or Ethernet
<b>EyeS4-EU</b>	no	max. 1 device	10 sec. refresh, 4G
<b>Logger1000 COM100E</b>	no	max. 8 SHT and 5 CX or CX-P2 devices	
<b>Logger1000A-EU COM100D-EU</b>	no	max. 8 SHT and 5 CX or CX-P2 devices	

### 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 / 333 mV CT included, 3x 250 A / 333 mV CT to be purchased separately

\* only with meter version bought from Sungrow

### Y-Connector Compatibility

	Part of delivery	Features / Comment
<b>SBR096-256</b>	no	2 battery towers in parallel (same capacity, up to 51.2 kWh) – Not for DACH region
<b>SBH100-400</b>	no	2 battery towers in parallel (same capacity up to 80 kWh)

# SBR064-256

## Compatibility Overview



### Inverter Compatibility

	Module range	Features / Comment
<b>SH3.0/6.0RS (all versions)</b>	SBR064-192	2 to 6 modules, max. 1 battery tower
<b>SH5.0/10RT (all versions)</b>	SBR064-256	SBR064 current limited to max 20A, max. 1 battery tower
<b>SH5.0-25T (all versions)</b>	SBR096-256	3* to 8 modules SBR096 power limited by battery – refer to SBR datasheet, max. 2 battery towers (used with Y-connector)

\*we recommend a minimum number of 4 battery modules

### Battery Module Versions

Items	Remark	Article Number	SG Version
Battery SMR032		ASA00165	V14
Battery		ASA00282	V12
Battery	No color label	ASA00460	V13
BMS(Switch gear)	No color label	AST04689	Stäubli Mc4
BMS(Switch gear)	No color label	AST03129	Sunclix

### Battery Module Compatibility (New Installation + Retrofit)

	<b>V14</b>	<b>V12</b>	<b>V13</b>
<b>V14</b>	Yes	No	Yes
<b>V12</b>	No	Yes	Yes
<b>V13</b>	Yes	Yes	Yes

# SBR050-100

## Compatibility Overview



### Inverter Compatibility

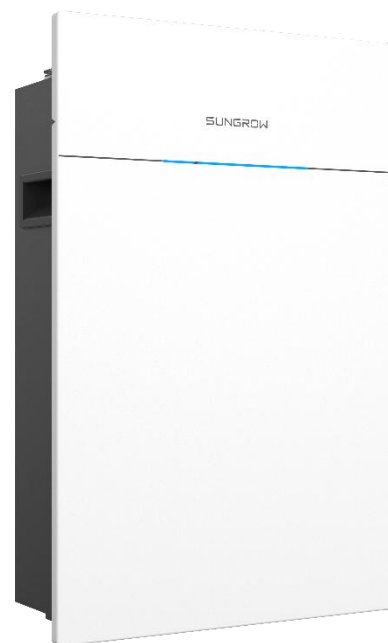
	Features / Comment
<b>SH3.0/6.0RS (all versions)</b>	UKR, RO, NL only
<b>SH5.0/10RT</b>	NL only
<b>SH5.0-25T</b>	No

### Battery Module Version

Items	Remark	Article Number
2x Battery SMR025 +1x Empty module +1x BMS(Switch Gear)	Not compatible with SMR032 battery modules Compatible with all BMS versions	A-ST-06647

# SBS050

## Compatibility Overview

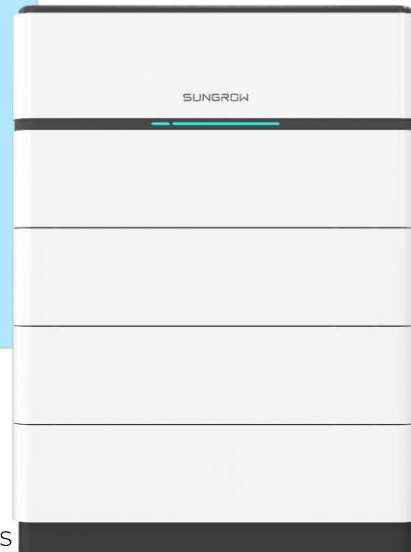


### Inverter Compatibility

	Features / Comment
<b>SH3.0/6.0RS V13</b>	Yes (up to 4x SBS050 in daisy-chain)
<b>SH3.0/6.0RS V11</b>	No for SN with Sunclix connector
<b>SH5.0/10RT</b>	No
<b>SH5.0-25T</b>	No

# SBH100-400

## Compatibility Overview



### Inverter Compatibility

	Module range	Features
<b>SH3.0/6.0RS</b>	NO	-
<b>SH5.0/10RT</b>	NO	-
<b>SH5.0-25T (all versions)</b>	SBH100-400	2 to 8 modules, max 2 towers with Y connector SBH100 power limited by battery – refer to battery datasheet

\* we recommend a minimum number of 3 battery modules

# Third-party Batteries

## Compatibility Overview

### Third Party Battery Compatibility for Hybrid Inverters

	Battery model	Module range	Features / Comment
<b>SH3.0/6.0RS (all versions)</b>	BYD Battery Box Premium HVS	5.1/7.7/10.2	BMS version >= 3.16
	BYD Battery Box Premium HVM	8.3/11.0/13.8/16.6/19.3	BMS version >= 3.7
<b>SH5.0/10RT (all versions)</b>	BYD Battery Box HV	5.1/6.4/7.7/9.0/10.2/11.5	BMS version >= 3.013
	BYD Battery Box Premium HVS	5.1/7.7/10.2/12.8	BMS version >= 3.16
	BYD Battery Box Premium HVM	11.0/13.8/16.6/19.3/22.1	BMS version >= 3.7
	Pylontech Powercube X1/X2/H1/H2	X1/X2 at least 4 modules H1/H2 max 11 modules	BMS version >= 4.6
	Pylontech Force H1/H2	H1 at least 4 modules H2 between 2 to 4 modules	BMS version >= 1.3
<b>SH5.0-25T (all versions)</b>	NO	NO	NO

\*SHRT / SHRS - compatible batteries can used with iHM.

# PowerStack ST225kWh-110kW-2h Compatibility Overview



## General

	Compatibility	Features / Comment
<b>ESS Standalone</b>	≤25 units PowerStack 2h	if more than 25 units, multi-unit EMS master/slave solution not via Distribution
<b>PV+ESS</b>	≤25 units PowerStack ≤4 Logger1000 (A,B,A-EU) and ≤6MWp installed capacity	Logger needed for this setup. SGCX, SGCX-P2 the whole range is supported
<b>PV+ESS+EV</b>	≤25 units PowerStack ≤4 Logger1000 (A,B,A-EU) and ≤6MWp installed capacity ≤20 units IDC30E, IDC180E, IDC480E	Logger needed for this setup. SGCX, SGCX-P2 the whole range is supported

## Communication

Type of EMS	Compatibility
<b>Sungrow EMS</b>	EMS300CP (please refer to the section “EMS300CP”)
<b>Third-Party EMS</b>	Successfully tested with: Eneris, Covolt, Ismaren

## Energy Meters

Please refer to the section “EMS300CP”

# PowerStack ST255kWh-125kW-2h Compatibility Overview



## General

	Compatibility	Features / Comment
<b>ESS Standalone</b>	<ul style="list-style-type: none"> <li>≤25 units PowerStack (On-grid)</li> <li>≤20 units PowerStack (Off-grid)</li> </ul>	if more than 25 units, multi-unit EMS master/slave solution not via Distribution
<b>PV+ESS</b>	<ul style="list-style-type: none"> <li>≤25 units PowerStack</li> <li>≤4 Logger1000 (A, B, A-EU) and ≤6MWp installed capacity</li> </ul>	Logger needed for this setup. SGCX, SGCX-P2 the whole range is supported
<b>PV+ESS+EV</b>	<ul style="list-style-type: none"> <li>≤25 units PowerStack</li> <li>≤4 Logger1000 (A, B, A-EU) and ≤6MWp installed capacity</li> <li>≤20 units IDC30E, IDC180E, IDC480E</li> </ul>	Logger needed for this setup. SGCX, SGCX-P2 the whole range is supported

## Communication

Type of EMS	Compatibility
<b>Sungrow EMS</b>	EMS300CP (please refer to the section “EMS300CP”)
<b>Third-Party EMS</b>	Successfully tested with: Eneris, Covolt, Ismaren

## Energy Meters

Please refer to the section “EMS300CP”

# SG150CX

## Compatibility Overview



### Communication

	Part of delivery	Max. Support	Features / Comment
WiNet-S2	no	max. 1 device	10 sec. refresh, WiFi or Ethernet
EyeS4-EU	no	max. 1 device	10 sec. refresh, 4G
Logger1000 COM100E	no	max. 30 devices**	FTP push, connecting environm. sensors, daisy chain mode, WiFi or Ethernet
Logger1000A-EU COM100D-EU	no	max. 30 devices**	FTP push, connecting environm. sensors, daisy chain mode, WiFi, Ethernet or 4G

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

### Energy Meters

	Part of delivery	Feed-in limitation	Features / Comment
DTSD1352 6A*	no	WiNet-S2 or EyeS4-EU: max. 1 device COM100E/D: max. 25 devices**	3x 5-6300 A / 5 A CT to be purchased separately
Janitza (UMG)	no	WiNet-S2 or EyeS4-EU ( <i>only UMG604</i> ): max. 1 device COM100E/D ( <i>UMGxx</i> ): max. 30 devices**	3 <sup>rd</sup> party manufacturer
Weidmüller (EM610)	no	WiNet-S2 or EyeS4-EU: max. 1 device COM100E/D: max. 30 devices**	3 <sup>rd</sup> party manufacturer
DTSU666-20*	no	WiNet-S2 or EyeS4-EU: max. 1 device COM100E/D: max. 30 devices**	DTSU666-20: 3 x 100 A / 333 mV or 3x 250 A / 333 mV CT to be purchased separately

\* only with meter version bought from Sungrow

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

# SG33-125CX-P2

## Compatibility Overview



### Communication

	Part of delivery	Max. Support	Features / Comment
WiNet-S/S2	no	max. 1 device	10 sec. refresh, WiFi or Ethernet
EyeS4-EU	no	max. 1 device	10 sec. refresh, 4G
Logger1000 COM100E	no	max. 30 devices**	FTP push, connecting environm. sensors, daisy chain mode, WiFi or Ethernet
Logger1000A-EU COM100D-EU	no	max. 30 devices**	FTP push, connecting environm. sensors, daisy chain mode, WiFi, Ethernet or 4G

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

### Energy Meters

	Part of delivery	Feed-in limitation	Features / Comment
DTS1352 6A*	no	WiNet-S/S2 or EyeS4-EU: max. 1 device COM100E/D: max. 30 devices** (SG33-50CX-P2) COM100E/D: max. 25 devices** (SG125CX-P2)	3x 5-6300 A / 5 A CT to be purchased separately
Janitza (UMG)	no	WiNet-S/S2 or EyeS4-EU ( <i>only UMG604</i> ): max. 1 device COM100E/D ( <i>UMGxx</i> ): max. 30 devices**	3 <sup>rd</sup> party manufacturer
Weidmüller (EM610)	no	WiNet-S/S2 or EyeS4-EU: max. 1 device COM100E/D: max. 30 devices**	3 <sup>rd</sup> party manufacturer
DTSU666*	no	WiNet-S/S2 or EyeS4-EU: max. 1 device COM100E/D: max. 30 devices**	DTSU666-20: 3 x 100 A / 333 mV or 3x 250 A / 333 mV CT to be purchased separately
DTSU666-20*	no	WiNet-S/S2 or EyeS4-EU: max. 1 device COM100E/D: max. 30 devices**	

\* only with meter version bought from Sungrow

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

### MLPE

	Part of delivery	Features / Comment
SP600S	no	Compatible only with SGxxCX-P2 V21

# 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>EyeS4-EU</b>	no	max. 1 device	10 sec. refresh, 4G
<b>Logger1000 COM100E</b>	no	max. 30 devices**	FTP push, connecting environm. sensors, daisy chain mode, WiFi or Ethernet
<b>Logger1000A-EU COM100D-EU</b>	no	max. 30 devices**	FTP push, connecting environm. sensors, daisy chain mode, WiFi, Ethernet or 4G
<b>EyeM4</b>	no	max. 10 devices**	Daisy chain mode, WiFi

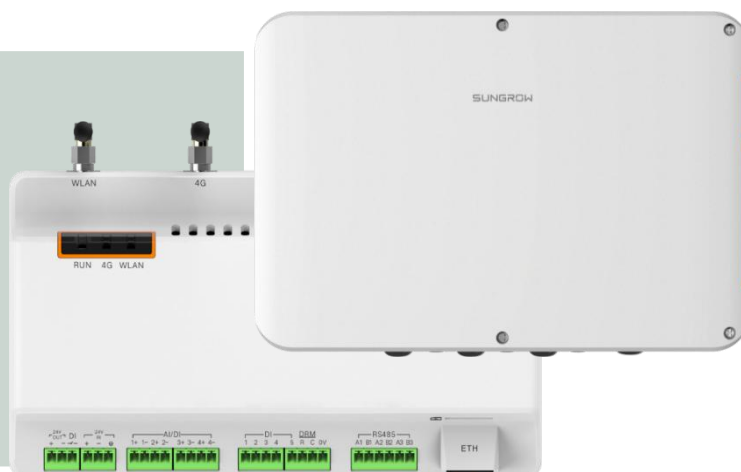
### Energy Meters

	Part of delivery	Feed-in limitation	Features/ Comment
<b>DTSD1352 6A*</b>	no	COM100E/D: max. 30 devices** (SG33-50CX) COM100E/D: max. 25 devices** (SG110CX) EyeM4: max. 10 devices**	3x 5-6300 A / 5 A CT to be purchased separately
<b>Janitza (UMG)</b>	no	COM100E/D ( <i>UMGxx</i> ): max. 30 devices** EyeM4 ( <i>only UMG604</i> ): max. 10 devices**	3 <sup>rd</sup> party manufacturer
<b>Weidmüller (EM610)</b>	no	COM100E/D: max. 30 devices** EyeM4: max. 10 devices**	3 <sup>rd</sup> party manufacturer

\* only with meter version bought from Sungrow

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

**Logger1000A-EU**  
**COM100D-EU**  
**Logger1000B**  
**COM100E**  
Compatibility  
Overview



**Inverters**

Inverter	Logger Part of Delivery	Max. Support of Inverters
SG3.0-20RT	no	max. 5 devices
SH5.0-25T	no	max. 8 devices
SG33-150CX	no	max. 30 devices*
SG25-125CX-P2	no	max. 30 devices*
SH15-25T+SGxxCX or SGxxCX-P2	no	max. 8 SHT + 5 CX or CX-P2

\* SG110CX & SG125CX-P2 max. 25 devices recommended

**Energy Meters**

	Part of delivery	Feed-in limitation	Features / Comment
DTS1352 6A**	no	max. 30 devices*** (SG33-50CX&SG25-50CX-P2) ; max. 25 devices*** (SG110CX&SG125CX-P2)	3x 5-6300 A / 5 A CT to be purchased separately
DTSU666**	no	max. 30 devices***	
DTSU666-20**	no	max. 30 devices***	CTs to be purchased separately
Janitza (UMG)	no	max. 30 devices***	3 <sup>rd</sup> party manufacturer
Weidmüller (EM610)	no	max. 30 devices***	3 <sup>rd</sup> party manufacturer

\*\* only with meter version bought from Sungrow

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

**MLPE**

	Part of delivery	Features / Comment
SP600S	no	Compatible only with Logger1000A-EU/COM100D-EU in combination with SGxxCX-P2 V21

# EMS300CP

## Compatibility Overview



### Communication Devices

	Part of delivery	Feed-in limitation	Features / Comment
<b>Logger1000 COM100E</b>	no	Please refer to Logger table for max. devices*	FTP push, connecting environm. sensors, daisy chain mode, WiFi or Ethernet The EMS300CP is compatible with all the inverters supported by Logger 1000 & COM100E
<b>Logger1000A-EU COM100D-EU</b>	no	Please refer to Logger table for max. devices*	FTP push, connecting environm. sensors, daisy chain mode, WiFi, Ethernet or 4G The EMS300CP is compatible with all the inverters supported by Logger 1000A & COM100D-EU
<b>Third-Party EMS</b>	no	-	Successfully tested with: Eneris, Covolt, Ismaren

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

### Energy Meters

	Part of delivery	Feed-in limitation	Features / Comment
<b>DTSU666-20**</b>	no	yes	CTs to be purchased separately
<b>DTSD1352 6A**</b>	no	yes	CTs to be purchased separately
<b>Janitza (UMG604+104)</b>	no	yes	3 <sup>rd</sup> party manufacturer
<b>Weidmüller (EM610)</b>	no	yes	3 <sup>rd</sup> party manufacturer
<b>Third-party Modbus access Meter ***</b>	no	yes	3 <sup>rd</sup> party manufacturer

\*\* only with meter version bought from Sungrow

\*\* if fast response times are required, it is strongly recommended to use a meter with a better response capability

\*\*\* Please consult Sungrow for the Third Party Modbus Protocol and refer to the how-to guidance in the EMS300CP user manual

**EV Charging**

	Part of delivery	Features / Comment
<b>IDC30E &amp; IDC180E &amp; IDC480E</b>	no	EMS300CP can control EVC start/stop, EMS can limit EVC power (Even distribution/first come first served)