

# COMPATIBLE INVERTERS



## Table of Contents

ABB (including formerly Power One) .....	3
Advanced Energy Industries Inc. (including formerly RefuSol GmbH and PV Powered, Inc.).....	4
AEG Power Solutions .....	5
Bonfiglioli Riduttori (Bonfiglioli Vectron).....	6
Conergy Deutschland GmbH / voltwerk electronics GmbH / SunTechnics .....	7
Daihen Corporation .....	8
Delta Electronics (Netherlands) B.V.....	9
Delta Energy Systems GmbH .....	10
Eaton Corporation .....	11
Eltek Power Systems AS.....	12
Emerson Electric Company .....	13
Fronius International GmbH .....	14
Fuji Electric.....	15
General Electric (including Converteam GmbH) .....	16
GPTech GmbH.....	17
Huawei Technologies Co., Ltd.....	19
Ingeteam .....	20
KACO new energy GmbH .....	21
Kostal Solar Electric GmbH .....	22
Meidensha Corporation.....	23
Omron K.K.....	24
PLATINUM GmbH (formerly Diehl Stiftung & Co. KG) .....	25
Power Electronics .....	26
Satcon Technolgy Co.....	27
Schneider Electric SE.....	28
Siemens AG.....	29
SMA Solar Technology AG (including formerly Danfoss A/S) .....	30
SMA Solar Technology AG (using Modbus Interface) .....	31
SMA Solar Technology AG (using Data 1 protocol).....	32
SolarEdge Technologies .....	33
SoMa Solar Holding GmbH (formerly SolarMax) .....	34
Sungrow Power Supply Co., Ltd.....	35

# COMPATIBLE INVERTERS



TMEIC (Toshiba Mitsubishi-Electric Industrial Systems Corporation)..... 36

Yaskawa - Solectrica Solar..... 37

Yaskawa - Solectrica Solar (Delta Energy Systems GmbH OEM inverters) ..... 38

# COMPATIBLE INVERTERS



## Manufacturer

ABB (including formerly Power One)

## Supported Inverters

Capable for configuration using skytron energy's EASYConfig utility

String Inverters:	PVS-100
Central Inverters:	PVS980-1818, PVS980-1909, PVS980-2000 ULTRA-700/750/1050/1100/1170/1400/1500/1560 Rack Gather ULTRA-350, 375 Module

## Supported Inverters

No EASYConfig support

String Inverters:	PVI-3.0/3.6/4.2/10.0/12.5 TRIO-5.8/7.5/8.5/20.0/25.0/27.6
Central Inverters:	PVS800_100kW, PVS800_250kW, PVS800_500kW, PVS800_630kW, PVS800_750kW, PVS800_875kW, PVI-Central-US_250/300, PVI-Central-50.0/100.0 PVI-134.0/200.0/267.0/334.0/400.0 PLUS (PVI-55.0/110.0/165.0/220.0/275.0/330.0)

3

## Specifications

Firmware (RDC) version:	2.1.0 and higher, 2.9.0 for ULTRA-Series via Modbus, 18.09-0 for PVS-100
Max. number of inverters RS485 <sup>1</sup> :	80 string Inverters, 48 PVI-Modules, 4 ULTRA-Series
Max. number of inverters Ethernet <sup>1</sup> :	6 PVS800
Active power control:	yes (via skycontrol)
Reactive power control:	yes (via skycontrol)
Fast shutdown:	yes (via skycontrol)
Remarks:	PVS800 Inverter via Ethernet with RETA-Module ULTRA/PVI-Series supports Junction Boxes ULTRA Series via Modbus without Power Control

Please note:

Power and Reactive Power control is not supported by all inverter types. Please contact the inverter manufacturer for further information.

<sup>1</sup> Connected to a single logger

# COMPATIBLE INVERTERS



## Manufacturer

Advanced Energy Industries Inc. (including formerly RefuSol GmbH and PV Powered, Inc.)

## Supported Inverters

Capable for configuration using skytron energy's EASYConfig utility

String Inverters:	<p>AE 3TL 8-23,            AE 3TL 40/46-MW (part nr. 840R040/840R046),            AE 3TL 20/24 (JP)            (part nr. 862R020/862R024/863R020/863R024),            AE 3TL 20/24-(UL) (1000V AFCI) (part nr. 868R020/868R024),            AE 3TL 12/23 (UL),            AE 3TL 12/16-UL (600V AFCI) (part nr. 869R012/869R016)</p> <p>R008K, R010k, R012k, R013k, R017k, R020k, R023k</p>
Central Inverters:	<p>AE 333NX, AE 1000NX, R100k, R250k, R333k, R500k, R630k,            AE 500TX, AE 260TX, AE 250TX, AE 100TX,            Solaron 500 1KV, AE 500NX</p> <p>PVP75kW, PVP100kW, PVP250kW, PVP260kW</p>

4

## Specifications

Firmware (RDC) version:	2.1.0 and higher 2.8.0 and higher for PVP series and most AE models
Max. number of inverters RS485 <sup>1</sup> :	100 string Inverters
Max. number of inverters Ethernet <sup>1</sup> :	100 string inverters, 80 PVP central inverters, 4 other central inverters
Active power control:	yes (via skycontrol), not supported for PVP series
Reactive power control:	yes (via skycontrol), not supported for PVP series
Fast shutdown:	not supported
Remarks:	-

Please note:

Power and Reactive Power control is not supported by all inverter types. Please contact the inverter manufacturer for further information.

<sup>1</sup> Connected to a single logger

# COMPATIBLE INVERTERS



## Manufacturer

AEG Power Solutions

## Supported Inverters

Capable for configuration using skytron energy's EASYConfig utility

String Inverters:

Modular.PV 15, Modular.PV 30, Modular.PV 45, Modular.PV 60,  
Modular.PV 75, Modular.PV 90, Modular.PV 105,  
Modular.PV 120, Modular.PV 135, Modular.PV 150

Central Inverters:

Protect.PV 250, Protect.PV 500, Protect.PV 560, Protect.PV 630,  
Protect.PV 690, Protect.PV 880

## Supported Inverters

No EASYConfig support

String Inverters:

Protect.PV 8, Protect.PV 10, Protect.PV 12.5, Protect.PV 15,

Central Inverters-

-

5

## Specifications

Firmware (RDC) version:

2.1.0 and higher

Max. number of inverters RS485<sup>1</sup>:

100 string Inverters, 4 central inverters

Max. number of inverters  
Ethernet<sup>1</sup>:

100 string inverters, 4 central inverters

Active power control:

yes (via skycontrol)

Reactive power control:

yes (via skycontrol)

Fast shutdown:

yes (via skycontrol)

Remarks:

-

Please note:

Power and Reactive Power control is not supported by all inverter types. Please contact the inverter manufacturer for further information.

<sup>1</sup> Connected to a single logger

# COMPATIBLE INVERTERS



Manufacturer	
Bonfiglioli Riduttori (Bonfiglioli Vectron)	
Supported Inverters	
Capable for configuration using skytron energy's EASYConfig utility	
String Inverters:	-
Central Inverters:	RPS TL series via Modbus
Supported Inverters	
No EASYConfig support	
String Inverters:	-
Central Inverters:	RPS series via VABus
Firmware (RDC) version:	2.9.0 and higher
Max. number of inverters RS485 <sup>1</sup> :	-
Max. number of inverters Ethernet <sup>1</sup> :	-
Max. number of inverters CAN <sup>1</sup> :	-
Active power control:	no (via skycontrol)
Reactive power control:	no (via skycontrol)
Fast shutdown:	no (via skycontrol)
Remarks:	VABus on Request, Modbus is preferred

6

Please note:

Power and Reactive Power control is not supported by all inverter types. Please contact the inverter manufacturer for further information.

<sup>1</sup> Connected to a single logger

# COMPATIBLE INVERTERS



## Manufacturer

Conergy Deutschland GmbH / voltwerk electronics GmbH / SunTechnics

## Supported Inverters

No EASYConfig support

String Inverters:	VS3, VS4, VS5, VS8, VS11, VS15 IPG3S, IPG4S, IPG5S, IPG8T, IPG11T, IPG15T IPG2000, IPG3000, IPG4000, IPG5000 STW2000C, STW2800C, STW3800C, STW5000C
Central Inverters:	IPG300K, IPG280K IPG200C, IPG250C, IPG300C, IPG350C VC200, VC250, VC300, VC350

Firmware (RDC) version:	2.9.0 and higher
Max. number of inverters RS485 <sup>1</sup> :	-
Max. number of inverters Ethernet <sup>1</sup> :	-
Max. number of inverters CAN <sup>1</sup> :	On request
Active power control:	supported*
Reactive power control:	supported*
Fast shutdown:	not supported
Remarks:	-

Please note:

Power and Reactive Power control is not supported by all inverter types. Please contact the inverter manufacturer for further information.

<sup>1</sup> Connected to a single logger

# COMPATIBLE INVERTERS



## Manufacturer

Daihen Corporation

## Supported Inverters

Capable for configuration using skytron energy's EASYConfig utility

String Inverters:

Central Inverters:

P500/490JFL1-A02, P500/490JHL2-A01, P500/490JHL2-B01,  
P500/490JL2-B01

## Specifications

Firmware (RDC) version:	2.12.0 and higher
Max. number of inverters RS485 <sup>1</sup> :	-
Max. number of inverters Ethernet <sup>1</sup> :	8
Max. number of inverters CAN <sup>1</sup> :	-
Active power control:	Supported, but not yet tested
Reactive power control:	Supported, but not yet tested
Fast shutdown:	Not supported
Remarks:	-

Please note:

Power and Reactive Power control is not supported by all inverter types. Please contact the inverter manufacturer or skytron energy GmbH for further information.

<sup>1</sup> Connected to a single logger



# COMPATIBLE INVERTERS



## Manufacturer

Delta Electronics (Netherlands) B.V.

## Supported Inverters

Capable for configuration using skytron energy's EASYConfig utility

String Inverters:

-

Central Inverters:

Delta M88H

## Specifications

Firmware (RDC) version: At least 18.04-1

Max. number of inverters RS485<sup>1</sup>: 100

Max. number of inverters  
Ethernet<sup>1</sup>:

-

Max. number of inverters CAN<sup>1</sup>:

-

Active power control: supported\*

Reactive power control: supported\*

Fast shutdown: not supported

Remarks:

-

Please note:

\*Power and Reactive Power control is not supported by all inverter types. Please contact the inverter manufacturer or skytron energy GmbH for further information.

<sup>1</sup> Connected to a single logger

# COMPATIBLE INVERTERS



Manufacturer	
Delta Energy Systems GmbH	
Supported Inverters	
Capable for configuration using skytron energy's EASYConfig utility	
String Inverters:	SOLIVIA 2.5 EU/NA/AP G3/4, SOLIVIA 3.0 EU/NA/AP G3/4 SOLIVIA 3.3 EU/NA/AP G3/4, SOLIVIA 3.6 EU/NA/AP G3/4, SOLIVIA 4.4 NA G4, SOLIVIA 5.0 NA G4, SOL 5.0 2TL3 S4, SOLIVIA 2.0/2.5/3.0/3.3/3.6/4.4/5.0 EU G4 TR SOLIVIA 10 EU G4 TR EVR, SOLIVIA 11 EU G4 TR (EVR) SOLIVIA 3.0/3.8/5.0/7.6/5.2 NAG4TL RPI M50A/M30A/M15A/M20A/H3 PVI 6600 TL
Central Inverters:	-
Specifications	
Firmware (RDC) version:	At least 2.8.0 At least 2.12.0 for RPI series
Max. number of inverters RS485 <sup>1</sup> :	100
Max. number of inverters Ethernet <sup>1</sup> :	-
Max. number of inverters CAN <sup>1</sup> :	-
Active power control:	supported*
Reactive power control:	supported*
Fast shutdown:	not supported
Remarks:	-
<p>Please note: *Power and Reactive Power control is not supported by all inverter types. Please contact the inverter manufacturer or skytron energy GmbH for further information.</p>	

<sup>1</sup> Connected to a single logger

# COMPATIBLE INVERTERS



Manufacturer	
Eaton Corporation	
Supported Inverters	
Capable for configuration using skytron energy's EASYConfig utility	
String Inverters:	-
Central Inverters:	Power XPert Solar 1500/1670 kW
Specifications	
Firmware (RDC) version:	2.9.0 and higher
Max. number of inverters RS485 <sup>1</sup> :	-
Max. number of inverters Ethernet <sup>1</sup> :	8
Active power control:	yes (via skycontrol)
Reactive power control:	yes (via skycontrol)
Fast shutdown:	not supported
Remarks:	
<p>Please note: Power and Reactive Power control is not supported by all inverter types. Please contact the inverter manufacturer for further information.</p>	

<sup>1</sup> Connected to a single logger

# COMPATIBLE INVERTERS



## Manufacturer

Eltek Power Systems AS

## Supported Inverters

Capable for configuration using skytron energy's EASYConfig utility

String Inverters:

-

Central Inverters:

Theia C100TL, Theia C150TL, Theia C200TL, Theia C250TL,  
Theia C350TL

## Specifications

Firmware (RDC) version: 2.7.1 and higher

Max. number of inverters RS485<sup>1</sup>: 4

Max. number of inverters  
Ethernet<sup>1</sup>:

-

Active power control: yes (via skycontrol)

Reactive power control: yes (via skycontrol)

Fast shutdown: not supported

Remarks: THEIA Central inverters with support of THEIA Array Monitor

Please note:

Power and Reactive Power control is not supported by all inverter types. Please contact the inverter manufacturer for further information.

<sup>1</sup> Connected to a single logger

# COMPATIBLE INVERTERS



Manufacturer	
Emerson Electric Company	
Supported Inverters	
No EASYConfig support	
String Inverters:	-
Central Inverters:	SPV350 - SPV1800
Specifications	
Firmware (RDC) version:	2.1.0 and higher
Max. number of inverters RS485 <sup>1</sup> :	-
Max. number of inverters Ethernet <sup>1</sup> :	4
Active power control:	yes (via skycontrol)
Reactive power control:	yes (via skycontrol)
Fast shutdown:	not supported
Remarks:	Protocol SPV 1 and 2
<p>Please note: Power and Reactive Power control is not supported by all inverter types. Please contact the inverter manufacturer for further information.</p>	

<sup>1</sup> Connected to a single logger

# COMPATIBLE INVERTERS



Manufacturer	
Fronius International GmbH	
Supported Inverters	
Capable for configuration using skytron energy's EASYConfig utility	
String Inverters:	SYMO 3.0/3.7/4.5/5.0/6.0/7.0/8.2/10.0-3M <sup>1</sup> SYMO 12.5/15.0/17.5/20.0-3M <sup>1</sup> ECO 25.0/27.0-3S <sup>1</sup>
Central Inverters:	-
Specifications	
Firmware (RDC) version:	17.02-4 and higher
Max. number of inverters RS485 <sup>2</sup> :	100
Max. number of inverters Ethernet <sup>1</sup> :	8
Active power control:	Yes
Reactive power control:	yes
Fast shutdown:	not supported
Remarks:	
<p>Please note: The implementation is only tested by simulator, but completely untested under field conditions. More than 8 inverters on bus could lead to data gaps.</p>	

<sup>1</sup> Must support Modbus

<sup>2</sup> Connected to a single logger

# COMPATIBLE INVERTERS



Manufacturer	
Fuji Electric	
Supported Inverters	
Capable for configuration using skytron energy's EASYConfig utility	
String Inverters:	-
Central Inverters:	PVI750, PVI1000
Specifications	
Firmware (RDC) version:	2.8.1 and higher
Max. number of inverters RS485 <sup>1</sup> :	8 (recommended)
Max. number of inverters Ethernet <sup>1</sup> :	-
Active power control:	no (only experimental)
Reactive power control:	no (only experimental)
Fast shutdown:	not supported
Remarks:	
<p>Please note: The implementation is only tested by simulator, but completely untested under field conditions. More than 8 inverters on bus could lead to data gaps.</p>	

<sup>1</sup> Connected to a single logger

# COMPATIBLE INVERTERS



Manufacturer	
General Electric (including Converteam GmbH)	
Supported Inverters	
No EASYConfig support	
String Inverters:	-
Central Inverters:	ProSolar central inverters (PSC490/575/600/680/725/800/1000MV – L – QC)
Specifications	
Firmware (RDC) version:	2.1.0 and higher
Max. number of inverters RS485 <sup>1</sup> :	-
Max. number of inverters Ethernet <sup>1</sup> :	4
Active power control:	yes (via skycontrol)
Reactive power control:	yes (via skycontrol)
Fast shutdown:	yes (via skycontrol)
Remarks:	Protocol version 5-12 via Modbus TCP
<p>Please note: Power and Reactive Power control is not supported by all inverter types. Please contact the inverter manufacturer for further information.</p>	

<sup>1</sup> Connected to a single logger



# COMPATIBLE INVERTERS



## Manufacturer

GPTech GmbH

## Supported Inverters

No EASYConfig support

String Inverters:

-

Central Inverters:

APIS 1700 Station with 2 PV750WD Inverters

## Specifications

Firmware (RDC) version: 2.9.0 and higher

Max. number of inverters RS485<sup>1</sup>:

Max. number of inverters Ethernet<sup>1</sup>: 4 Stations

Active power control: yes (via skycontrol)

Reactive power control: yes (via skycontrol)

Fast shutdown: not supported

Remarks:

Please note:  
Power and Reactive Power control is not supported by all inverter types. Please contact the inverter manufacturer for further information.

<sup>1</sup> Connected to a single logger

# COMPATIBLE INVERTERS



Manufacturer	
Greentech GmbH & Cie. KG	
Supported Inverters	
Capable for configuration using skytron energy's EASYConfig utility	
String Inverters:	-
Central Inverters:	IPG 300K (alias Conergy 300K)
Specifications	
Firmware (RDC) version:	18.04-2 and higher
Max. number of inverters RS485 <sup>1</sup> :	-
Max. number of inverters Ethernet <sup>1</sup> :	-
Active power control:	yes (via skycontrol)
Reactive power control:	yes (via skycontrol)
Fast shutdown:	yes (via skycontrol)
Remarks:	Company provides spare parts and new hardware components to maintain and optimize inverter of the old conergy IPG-K series
<p>Please note: Power and Reactive Power control is not supported by all inverter types. Please contact the inverter manufacturer for further information.</p>	

<sup>1</sup> Connected to a single logger

# COMPATIBLE INVERTERS



## Manufacturer

Huawei Technologies Co., Ltd.

## Supported Inverters

Capable for configuration using skytron energy's EASYConfig utility

String Inverters:	SUN2000 12KTL/17KTL/20KTL/28KTL/33KTL/36KTL/40KTL/42KTL/45KTL 25KTL-US/30KTL-US/40KTL-JP SmartLogger 1000, SmartLogger 2000
-------------------	--

Central Inverters:	-
--------------------	---

## Specifications

Firmware (RDC) version:	2.6.0 and higher
Max. number of inverters RS485 <sup>1</sup> :	100 string inverters
Max. number of inverters Ethernet <sup>1</sup> :	-
Active power control:	yes (via skycontrol)
Reactive power control:	yes (via skycontrol)
Fast shutdown:	yes (via skycontrol)
Remarks:	

Please note:

Power and Reactive Power control is not supported by all inverter types. Please contact the inverter manufacturer for further information.

<sup>1</sup> Connected to a single logger

# COMPATIBLE INVERTERS



Manufacturer	
Ingeteam	
Supported Inverters	
Capable for configuration using skytron energy's EASYConfig utility	
String Inverters:	INGECON Sun 100TL 3Play
Central Inverters:	-
Specifications	
Firmware (RDC) version:	18.04-2 and higher
Max. number of inverters RS485 <sup>1</sup> :	-
Max. number of inverters Ethernet <sup>1</sup> :	-
Active power control:	yes (via skycontrol)
Reactive power control:	yes (via skycontrol)
Fast shutdown:	not supported
Remarks:	
<p>Please note: Power and Reactive Power control is not supported by all inverter types. Please contact the inverter manufacturer for further information.</p>	

<sup>1</sup> Connected to a single logger

# COMPATIBLE INVERTERS



Manufacturer	
KACO new energy GmbH	
Supported Inverters	
Capable for configuration using skytron energy's EASYConfig utility	
String Inverters:	Powador 10.0 – 20.0 TL3, Powador 30.0 – 60.0 TL3, Powador 48.0 – 72.0 TL3, Powador 9600I, Powador 39.0 TL3 M1
Central Inverters:	Powador XP500/XP550-HV TL (ID/OD), XP 100 HV, XP 350 HV TL
Specifications	
Firmware (RDC) version:	2.3.0 and higher M1-Series:17.02-2
Max. number of inverters RS485 <sup>1</sup> :	100 string inverters , 4 central inverters
Max. number of inverters Ethernet <sup>1</sup> :	-
Active power control:	yes (via skycontrol)
Reactive power control:	yes (via skycontrol)
Fast shutdown:	yes (via skycontrol)
Remarks:	
<p>Please note: Power and Reactive Power control is not supported by all inverter types. Please contact the inverter manufacturer for further information.</p>	

<sup>1</sup> Connected to a single logger

# COMPATIBLE INVERTERS



## Manufacturer

Kostal Solar Electric GmbH

## Supported Inverters

Capable for configuration using skytron energy's EASYConfig utility

String Inverters:	PIKO 4.2, 4.6, 5.5, 7.0, 8.5, 10, 12, 15, 17, 20
-------------------	--

Central Inverters:	-
--------------------	---

## Specifications

Firmware (RDC) version:	17.02-2 and higher
-------------------------	--------------------

Max. number of inverters RS485 <sup>1</sup> :	100 string inverters , 4 central inverters
---	--

Max. number of inverters Ethernet <sup>1</sup> :	-
--	---

Active power control:	yes (via skycontrol)
-----------------------	----------------------

Reactive power control:	yes (via skycontrol)
-------------------------	----------------------

Fast shutdown:	yes (via skycontrol)
----------------	----------------------

Remarks:	UI Software Version >= 06.20
----------	------------------------------

Please note:

Power and Reactive Power control is not supported by all inverter types. Please contact the inverter manufacturer for further information.

<sup>1</sup> Connected to a single logger

# COMPATIBLE INVERTERS



Manufacturer	
Meidensha Corporation	
Supported Inverters	
Capable for configuration using skytron energy's EASYConfig utility	
String Inverters:	-
Central Inverters:	SP310-250 T-FN/T-FG
Specifications	
Firmware (RDC) version:	2.8.0 and higher
Max. number of inverters RS485 <sup>1</sup> :	100
Max. number of inverters Ethernet <sup>1</sup> :	-
Active power control:	not supported
Reactive power control	not supported
Fast shutdown:	not supported
Remarks:	
<p>Please note: Power and Reactive Power control is not supported by all inverter types. Please contact the inverter manufacturer for further information.</p>	

<sup>1</sup> Connected to a single logger

# COMPATIBLE INVERTERS



Manufacturer	
Omron K.K.	
Supported Inverters	
Capable for configuration using skytron energy's EASYConfig utility	
String Inverters:	KP100L
Central Inverters:	-
Specifications	
Firmware (RDC) version:	17.02-2 and higher
Max. number of inverters RS485 <sup>1</sup> :	100
Max. number of inverters Ethernet <sup>1</sup> :	-
Active power control:	not supported
Reactive power control	not supported
Fast shutdown:	not supported
Remarks:	
<p>Please note: Power and Reactive Power control is not supported by all inverter types. Please contact the inverter manufacturer for further information.</p>	

<sup>1</sup> Connected to a single logger



# COMPATIBLE INVERTERS



## Manufacturer

PLATINUM GmbH (formerly Diehl Stiftung & Co. KG)

## Supported Inverters

No EASYConfig support

String Inverters:	TLD 4800, TLD 7200, TLD 13000, TLD 16000, TLD 19000 R3-M 16000, R3-M 9000
-------------------	--

Central Inverters:	R3-M2 Series, R3-S2 Series, R3-6PACK
--------------------	--------------------------------------

## Specifications

Firmware (RDC) version:	2.1.0 and higher
-------------------------	------------------

Max. number of inverters RS485 <sup>1</sup> :	80
---	----

Max. number of inverters Ethernet <sup>1</sup> :	-
--	---

Active power control:	yes (via skycontrol)
-----------------------	----------------------

Reactive power control:	yes (via skycontrol)
-------------------------	----------------------

Fast shutdown:	yes (via skycontrol)
----------------	----------------------

Remarks:	-
----------	---

Please note:

Power and Reactive Power control is not supported by all inverter types. Please contact the inverter manufacturer for further information.

<sup>1</sup> Connected to a single logger

# COMPATIBLE INVERTERS



<b>Manufacturer</b>	
Power Electronics	
<b>Supported Inverters</b>	
Capable for configuration using skytron energy's EASYConfig utility	
String Inverters:	-
Central Inverters:	HEC-US V1500 FS3001
<b>Specifications</b>	
Firmware (RDC) version:	18.09-0 and higher
Max. number of inverters RS485 <sup>1</sup> :	8
Max. number of inverters Ethernet <sup>1</sup> :	8
Active power control:	yes (via skycontrol)
Reactive power control:	yes (via skycontrol)
Fast shutdown:	not supported
Remarks:	-
<p>Please note: Power and Reactive Power control is not supported by all inverter types. Please contact the inverter manufacturer for further information.</p>	

<sup>1</sup> Connected to a single logger

# COMPATIBLE INVERTERS



Manufacturer	
Satcon Technology Co.	
Supported Inverters	
No EASYConfig support	
String Inverters:	-
Central Inverters:	Powergate Plus, Soltice, Equinox
Specifications	
Firmware (RDC) version:	2.1.0 and higher
Max. number of inverters RS485 <sup>1</sup> :	4 central inverters
Max. number of inverters Ethernet <sup>1</sup> :	-
Active power control:	not supported
Reactive power control:	not supported
Fast shutdown:	not supported
Remarks:	
<p>Please note: Power and Reactive Power control is not supported by all inverter types. Please contact the inverter manufacturer for further information.</p>	

<sup>1</sup> Connected to a single logger

# COMPATIBLE INVERTERS



Manufacturer	
Schneider Electric SE	
Supported Inverters	
Capable for configuration using skytron energy's EASYConfig utility	
String Inverters:	Conext CL 25000E
Central Inverters:	Conext Core XC540, XC630, XC680 Conext Core XC540NA, XC630NA, XC680NA, XC733NA GT100, GT250, GT500, GT630, GT675 Conext Smartgen CS1670, CS1800, CS2000
Specifications	
Firmware (RDC) version:	at least 2.3.0 at least 2.7.1 for Conext CL series at least 17.02-3 for Conext Core XC NA series
Max. number of inverters RS485/RS422 <sup>1</sup> :	4 central inverters, 100 string inverters
Max. number of inverters Ethernet <sup>1</sup> :	-
Active power control:	yes (via skycontrol)
Reactive power control:	yes (via skycontrol)
Fast shutdown:	yes (via skycontrol)
Remarks:	
<p>Please note: Power and Reactive Power control is not supported by all inverter types. Please contact the inverter manufacturer for further information.</p>	

<sup>1</sup> Connected to a single logger

<sup>2</sup> Not compatible with skylog® CP

# COMPATIBLE INVERTERS



Manufacturer	
Siemens AG	
Supported Inverters	
No EASYConfig support	
String Inverters:	SINVERT PVM 10/13/17/20
Central Inverters:	PVS500 - PVS2000, PVS600 – PVS 2400, PVS630 – PVS2520
Specifications	
Firmware (RDC) version:	2.3.0 and higher
Max. number of inverters RS485 <sup>1</sup> :	100 string inverters
Max. number of inverters Ethernet <sup>1</sup> :	4 central inverters
Active power control:	yes (via skycontrol)
Reactive power control:	yes (via skycontrol)
Fast shutdown:	not supported
Remarks:	
<p>Please note: Power and Reactive Power control is not supported by all inverter types. Please contact the inverter manufacturer for further information.</p>	

<sup>1</sup> Connected to a single logger

# COMPATIBLE INVERTERS



## Manufacturer

SMA Solar Technology AG (including formerly Danfoss A/S)

## Supported Inverters

Capable for configuration using skytron energy's EASYConfig utility

String Inverters:	TLX 8k, 10k, 12.5k, 15k (also Pro and Pro+), TP-60 (MLX), FLX Pro 10-17 Sunny TP 60, 60 FW 145 SunnyTP 10000TL, 15000TL, 17000TL, 20000TL-EE, 25000TL
-------------------	--

Central Inverters:	-
--------------------	---

## Supported Inverters

No EASYConfig support

String Inverters:	SunnyTP 20000TL
-------------------	-----------------

Central Inverters:	-
--------------------	---

## Specifications

Firmware (RDC) version:	2.6.0 and higher
Max. number of inverters RS485 <sup>1</sup> :	80 TLX string inverters
Max. number of inverters Ethernet <sup>1</sup> :	100 TLX string inverters 120 TP-60 connected to inverter manager
Active power control:	yes (via skycontrol)
Reactive power control:	yes (via skycontrol)
Fast shutdown:	not supported
Remarks:	TP-60 with Firmware 1.40, 1.45 and higher

Inverters connected through the SMA Cluster Controller cannot certainly deliver minute values. A resolution of around 5 minutes is more realistic.

Please note:

Active and reactive power control is not supported by all inverter types. Please contact the inverter manufacturer for further information.

<sup>1</sup> Connected to a single logger

# COMPATIBLE INVERTERS



Manufacturer	
SMA Solar Technology AG (using Modbus Interface)	
Supported Inverters	
Capable for configuration using skytron energy's EASYConfig utility	
String Inverters:	-
Central Inverters:	1850-US, 2200-US, 2200, 2500-EV <sup>1</sup>  500CP/CP-JP/CP-US, 500CP-US 600V 630CP/CP-US/CP-JP, 720CP/CP-US, 750CP-US, 760CP, 800CP/CP-JP/CP-US, 850CP/CP-US, 900CP, 950CP-US, 1000CP (XT) <sup>2</sup>
Supported Inverters	
No EASYConfig support	
String Inverters:	-
Central Inverters:	250HE, 500HE-11, 500HE-20, 630HE-11, 630HE-20, 720HE-20 760HE-20, 800HE-20
Specifications	
Firmware (RDC) version:	2.2.0 and higher
Max. number of inverters RS485 <sup>3</sup> :	-
Max. number of inverters Ethernet <sup>1</sup> :	8 central inverters
Active power control:	yes (via skycontrol)
Reactive power control:	yes (via skycontrol)
Fast shutdown:	yes (via skycontrol)
Remarks:	Active- and reactive power control with 4 – 20 mA analogue output only for central inverters, control for newer models via SMA SC-COM
Inverters connected via through the SMA Cluster Controller cannot certainly deliver every minute values. A resolution of around 5 minutes is more realistic.	
Please note: Power and Reactive Power control is not supported by all inverter types. Please contact the inverter manufacturer for further information.	

<sup>1</sup> RDC 2.7.0 and higher

<sup>2</sup> RDC 2.8.0 and higher

<sup>3</sup> Connected to a single logger

# COMPATIBLE INVERTERS



Manufacturer	
SMA Solar Technology AG (using Data 1 protocol)	
Supported Inverters	
No EASYConfig support	
String Inverters:	all string inverter models
Central Inverters:	all central inverter models up to SC-xxx-11-HE series
Specifications	
Firmware (RDC) version:	2.1.0 and higher
Max. number of inverters RS485 <sup>1</sup> :	50 string inverters / 4 central inverters
Max. number of inverters Ethernet <sup>1</sup> :	4 central inverters
Active power control:	yes (via skycontrol)
Reactive power control:	yes (via skycontrol)
Fast shutdown:	dry contact
Remarks:	Active- and reactive power control with 4 – 20 mA analogue output only for central inverters
Inverters connected via through the SMA Cluster Controller cannot certainly deliver every minute values. A resolution of around 5 minutes is more realistic.	
Please note: Power and Reactive Power control is not supported by all inverter types. Please contact the inverter manufacturer for further information.	

<sup>1</sup> Connected to a single logger



# COMPATIBLE INVERTERS



## Manufacturer

SolarEdge Technologies

## Supported Inverters

Capable for configuration using skytron energy's EASYConfig utility

String Inverters:	Three phase: SE10K, SE33.3K, SE50K, SE66.6K, SE82.8K, SE100K
-------------------	---

Central Inverters:	-
--------------------	---

## Supported Inverters

No EASYConfig support

String Inverters:	Single phase: SE2200, SE3000, SE3500, SE4000, SE5000, SE6000 SE3000A-US, SE3800A-US, SE5000A-US, SE6000A-US, SE7600A-US, SE10000A-US, SE11400A-US  Three phase: SE4K, SE5K, SE7K, SE8K, SE9K, SE12.5K, SE15K, SE16K, SE17K, SE25K, SE27.6K, SE9KUS, SE10KUS, SE14.4KUS, SE20KUS, SE33.3KUS
-------------------	--

Central Inverters:	-
--------------------	---

## Specifications

Firmware (RDC) version:	2.7.0 and higher
Max. number of inverters RS485 <sup>1</sup> :	100 string inverters
Max. number of inverters Ethernet <sup>1</sup> :	-
Active power control:	on request
Reactive power control:	on request
Fast shutdown:	not supported
Remarks:	Reading inverter-level monitoring data is provided. Power Optimizer data on module level is not supported.

Please note:

Power and Reactive Power control is not supported by all inverter types. Please contact the inverter manufacturer for further information.

<sup>1</sup> Connected to a single logger

# COMPATIBLE INVERTERS



## Manufacturer

SoMa Solar Holding GmbH (formerly SolarMax)

## Supported Inverters

No EASYConfig support

String Inverters:

-

Central Inverters:

-

Inverters on request:

S-series, P-series, TP-series, MT-series, HT-series  
2000C, 3000C, 4000C, 4200C, 2000S, 3000S, 4200S, 6000S, 10MT,  
10MT2, 13MT2, 15MT2, 13MT3, 15MT3, 20C, 25C, 20C, 35C, 50C,  
80C, 20S, 35S, 100C, 300C

TS-SV-series, RX-series  
330C\_SV, 50TS, 80TS, 100TS, 300TS\_ST, 300TS\_MT, 330TS-SV ST,  
330TS-SV MT, 660TS-SV ST, 660TS-SV MT, 960TS-SV ST,  
960TS-SV MT, 1320TS-SV ST, 1320TS-SV MT

34

## Specifications

Firmware (RDC) version:

2.3.0 and higher

Max. number of inverters RS485<sup>1</sup>:

80 string inverters / 4 central inverters

Max. number of inverters  
Ethernet<sup>1</sup>:

-

Active power control:

yes (via skycontrol)

Reactive power control:

yes (via skycontrol)

Fast shutdown:

not supported

Remarks:

Active- and reactive power control with 4 – 20 mA analogue  
output only for central inverters

Please note:

Power and Reactive Power control is not supported by all inverter types. Please contact the inverter manufacturer for further information.

<sup>1</sup> Connected to a single logger

# COMPATIBLE INVERTERS



Manufacturer	
Sungrow Power Supply Co., Ltd.	
Supported Inverters	
Capable for configuration using skytron energy's EASYConfig utility	
String Inverters:	Inverter Firmware up to V1.0.11: SG15/20/30/40/60KTL  Inverter Firmware V1.0.13 and later: SG8/10/12/15/20/30/36/40/50/55/56/60KTL SG8/10/12/15KTL-EC SG33/40/50/60KTL-M SG30/36/56/60KU <sup>1</sup> SG60KU-M <sup>2</sup>
Central Inverters:	SG500MX/MX-M/LV, SG800MX, SG1000MX/TS/TS-M

35

Specifications	
Firmware (RDC) version:	2.3.0 and higher (Inverter Firmware up to V1.0.13) 2.8.0 and higher (Inverter Firmware V1.0.13 and later)
Max. number of inverters RS485 <sup>3</sup> :	100
Max. number of inverters Ethernet <sup>1</sup> :	8
Active power control:	yes (via skycontrol)
Reactive power control:	yes (via skycontrol)
Fast shutdown:	not supported
Remarks:	String current values of integrated combiner boxes (KU/KU-M-models) are not supported.
<p>Please note: Power and Reactive Power control is not supported by all inverter types. Please contact the inverter manufacturer for further information.</p>	

<sup>1</sup> Dedicated string current values of KU-models (with integrated combiner box) are not supported

<sup>2</sup> Dedicated string current values of KU-M-models (with integrated combiner box) are not supported

<sup>3</sup> Connected to a single logger

# COMPATIBLE INVERTERS



Manufacturer	
TMEIC (Toshiba Mitsubishi-Electric Industrial Systems Corporation)	
Supported Inverters	
Capable for configuration using skytron energy's EASYConfig utility	
String Inverters:	-
Central Inverters:	SOLAR WARE 100, T100,T100R, 175, 250, 500, 500E, 630E <sup>1</sup> SOLAR WARE 665E, 750E <sup>2</sup> SOLAR WARE PVL-L0833GRo, PVL-L1000E, PVL-L1667GR, PVL-L1833GR
Supported Inverters	
No EASYConfig support	
String Inverters:	-
Central Inverters:	SOLAR WARE PVH-L1250, PVH-L2220E, PVH-L2500, PVH-L2550E, PVH-L2700, PVH-L3200
Specifications	
Firmware (RDC) version:	at least 2.4.2 at least 2.7.1 for Modbus communication at least 18.09-0 for PVH-L1250 and PVH-L2500
Max. number of inverters RS485 <sup>3</sup> :	4 (proprietary protocol), 100 (Modbus)
Max. number of inverters Ethernet <sup>1</sup> :	4 (proprietary protocol), 8 (Modbus)
Active power control:	supported for PVH-L1250 and PVH-L2500
Reactive power control:	supported for PVH-L1250 and PVH-L2500
Fast shutdown:	not supported
Remarks:	Modbus-based device communication is available only for SOLAR WARE 665E. Communication with other devices is handled via TMEIC's proprietary "Inverter Communication Interface Protocol".
Please note: Power and Reactive Power control is not supported by all inverter types. Please contact the inverter	

<sup>1</sup> Communication via proprietary protocol

<sup>2</sup> Modbus communication

<sup>3</sup> Connected to a single logger

# COMPATIBLE INVERTERS



manufacturer for further information.

## Manufacturer

Yaskawa - Solectrica Solar

## Supported Inverters

Capable for configuration using skytron energy's EASYConfig utility

String Inverters:	PVI 14/20/23/28/36 TL
Central Inverters:	PVI 50/60/75/85/100kW <sup>1</sup> SGI 500XT <sup>2</sup> SGI 225/250/266/300/500PE <sup>3</sup> SGI 500/750XTM <sup>4</sup>

## Specifications

Firmware (RDC) version:	2.7.1 at least 17.02-4 for PVI 14-36TL
Max. number of inverters RS485 <sup>5</sup> :	4 central inverters 100 string inverter
Max. number of inverters Ethernet <sup>1</sup> :	
Active power control:	supported for PVI 23-36TL
Reactive power control:	supported for PVI 23-36TL
Fast shutdown:	not supported
Remarks:	

Please note:

Power and Reactive Power control is not supported by all inverter types. Please contact the inverter manufacturer for further information.

<sup>1</sup> Modbus Protocol Level 5

<sup>2</sup> Modbus Protocol Level 6

<sup>3</sup> Modbus Protocol Level 7

<sup>4</sup> Modbus Protocol Level 8

<sup>5</sup> Connected to a single logger

# COMPATIBLE INVERTERS



## Manufacturer

Yaskawa - Solectrica Solar (Delta Energy Systems GmbH OEM inverters)

## Supported Inverters

Capable for configuration using skytron energy's EASYConfig utility

String Inverters:	PVI 3800/5200/6600/7600TL
Central Inverters:	

## Specifications

Firmware (RDC) version:	2.8.0 and higher
Max. number of inverters RS485 <sup>1</sup> :	100
Max. number of inverters Ethernet <sup>1</sup> :	-
Max. number of inverters CAN <sup>1</sup> :	-
Active power control:	not supported
Reactive power control:	not supported
Fast shutdown:	not supported
Remarks:	-

Please note:

Power and Reactive Power control is not supported by all inverter types. Please contact the inverter manufacturer for further information.

<sup>1</sup> Connected to a single logger