

Solar Inverter from Delta - The heart of your PV system



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About us

Delta Electronics Group (founded 1971) is the world leader in manufacturing internal switch-mode power supplies and an important supplier of video displays and electronic components for computers, telecommunication, networking and other industrial sectors.

Delta has been steadily growing by 18% each year. In 2007, Delta achieved a turnover of \$5.2 billion US. More than 50,000 staff work for Delta all over the world in sales, development and production.

Delta Electronics has been successfully supporting environmental protection and the development of energy-saving technologies for many years.

At the centre of the company's activities is the designing of new equipment with steadily improving efficiencies, low no-load losses and high reliability. These efforts are further supported by investment in renewable energies such as photovoltaics and distributed energy generation (e.g. fuel cells).

Delta Energy Systems (Germany), a subsidiary of the multinational Delta family, is a world-wide market leader of custom and standard power supplies for the computer industry as well as telecommunication, medical technology and industrial applications.

Delta Energy Systems has been investing in the research and development of solar inverter programs at its German location for more than 7 years. The result of this is something to be proud of – reliable solar inverters with high efficiencies and state-of-the-art high-frequency topology

Because of the advanced design of the casing, Delta solar inverters are suitable for both indoor and outdoor applications as well as satisfying all the current guidelines and safety standards.

Our highly motivated and regularly trained solar team is able to offer Delta customers a competent service via the Solar Support Hotline set up especially for this purpose.

Do you need detailed information about the solar inverter? No problem! Our Delta Solar Team arranges special inverter training courses which can be run either on our premises or on your premises on request. Our Solar Team will be pleased to provide you with more details about the different options.

Delta solar inverters are supplied with a standard 5-year guarantee which, of course, can be extended to 10 years (price on request). When purchased in larger numbers, you can acquire the OEM version of our solar inverters with your company logo.

Delta has invested in state-of-the-art production facilities in Slovakia to manufacture the solar inverter product range.

We have been operational in Slovakia for many years, using total quality systems to produce high quality power supplies for the complex requirements of medical engineering applications, for example.

In April 2007, Delta opened a new state-of-the-art production facility on a 7.2 hectare site in Nova Dubnica (Slovakia) with a production area of 12,000 m² where high quality standards continue to be implemented due to the company's production expertise and tight control of production processes. Our production engineers are involved right from the start in the product development. We are convinced that this is an essential requirement for achieving first-class results.

The new factory is, of course, certificated according to ISO9000/14000, UL, TÜV and CSA.

DelSolar, a subsidiary of Delta and a world leading solar cell provider, mainly specializes in the development of crystalline solar cells and the corresponding production processes which are fully realized using in-house automation systems and equipment.

The close collaboration of Delta with DelSolar enables it to develop even more efficient technologies and products, thus giving extra impetus to the spread of solar energy use.

Why not maximise the efficiency of your solar installation by using the innovative inverter technologies from Delta?

SI 1900



Delta's Solar Inverter SI 1900

It may be the "little brother" of the production range of solar inverters from Delta but, with its unusually high efficiency for this performance class, it can hold its head high.

The IP65 casing of this highly efficient, grid-connected SI 1900 solar inverter from Delta enables it to be used in almost any environment – indoors or outdoors, it's up to you! Electrically isolated, it guarantees maximum personnel protection all the time.

Installing the SI 1900 is easy. Use the template provided to draw the drill holes where you want to install the unit. Fix the screws in the wall and then you only need to suspend it by the holes provided. Then tighten the screws and it's ready!

The integrated display for data processing and communication enables you to operate the solar inverter easily. The relevant status messages and stored data can be called up either directly on the

| INPUT (DC) | |
|---------------------------|---------------|
| Max. recommended PV power | 2400 W |
| Nominal power | 2100 W |
| Voltage range | 100 ... 400 V |
| MPP range | 180 ... 350 V |
| Full power MPP range | 263 ... 350 V |
| Nominal current | 7.8 A |
| Max. current | 8.0 A |
| Stand-by power | < 0.3 W |

| OUTPUT (AC) | |
|-------------------|------------------|
| Nominal power | 1900 W |
| Max. power | 1930 W |
| Voltage range | 196 ... 253 V |
| Nominal current | 8.3 A |
| Max. current | 9.7 A |
| Nominal frequency | 50 Hz |
| Frequency range | 49.0 ... 51.0 Hz |

Features

- Transformer with high efficiency (94.2%)
- Isolation of primary and secondary circuit for additional safety
- Wide operating temperature ranges: -25°C to +60°C
- RS232 / RS485 (EIA485) communication interfaces
- Intelligent MPP tracking
- Suitable for indoor and outdoor applications (IP65)
- Without fan

illuminated display or via your PC, which you have previously connected to the WEB'log from Meteocontrol and the SI 1900 via the RS485 interface.

Because the SI 1900 is compatible with products from Meteocontrol, you can keep an eye on the status of your PV installation and the output from anywhere at any time.

The SI 1900 can be used for any size of installation. Delta's SI 1900 is particularly suitable for users who are looking for an inverter for smaller solar installations in applications such as single-family homes.

| GENERAL SPECIFICATION | |
|----------------------------|----------------|
| Max. efficiency | 94.2 % |
| Efficiency EU / California | 92.0 % |
| Operating temperature | -25 ... +60 °C |
| Storage temperature | -25 ... +80 °C |
| Humidity | 0 ... 95 % |
| | |
| | |

| MECHANICAL DESIGN | |
|--------------------------|---------------------------------|
| Size (L x W x D) | 400 x 335 x 150 mm ³ |
| Weight | 12.0 kg |
| Cooling | Convection |
| AC connector | Binder / Amphenol C16-1 |
| DC connector | 2 Tyco Solarlok |
| Communication interfaces | 2 Phoenix Contact RS232 / RS485 |
| | |

| STANDARDS | |
|------------------------------|--------------------------------------|
| Protection degree | IP65 |
| Safety class | 1 |
| Configurable trip parameters | Yes |
| Insulation monitoring | Yes |
| Overload behavior | Current limitation; power limitation |
| Safety | EN60950-1 |
| ENS | DIN VDE 0126 |
| | |

| DIRECTIVES | |
|------------|---------------------|
| EMC | EN50081 Part1 |
| | EN50082 Part1 |
| | EN61000-4-2 |
| | EN61000-4-3 |
| | EN61000-4-4 |
| | EN61000-4-5 Class B |
| | EN61000-4-6 |
| | EN61000-4-8 |
| | |

SI 2500



Delta's Solar Inverter SI 2500 – 2nd generation

The second generation of high-efficiency, grid-connected SI 2500 solar inverters offers some innovations.

For example, the efficiency of the SI 2500 has been increased by up to 95.5% with the well-proven resonant converter topology. Another interesting feature of the 2nd generation SI 2500 is the expanded input voltage range up to 540 V.

These technical enhancements enable the solar inverter to provide an even more efficient supply while making it more versatile to suit different installation configurations.

As with all the solar inverters from Delta, installing the SI 2500 is easy. Use the template provided to draw the drill holes where you want to install the unit. Fix the screws in the wall and then you only need to suspend the solar inverter by the holes provided, tighten the screws and it's ready!

| INPUT (DC) | |
|---------------------------|---------------|
| Max. recommended PV power | 3100 W |
| Nominal power | 2750 W |
| Voltage range | 125 ... 540 V |
| MPP range | 150 ... 450 V |
| Full power MPP range | 150 ... 450 V |
| Nominal current | 8.6 A |
| Max. current | 18.3 A |
| Stand-by power | < 0.2 W |

| OUTPUT (AC) | |
|-------------------|------------------|
| Nominal power | 2500 W |
| Max. power | 2620 W |
| Voltage range | 196 ... 253 V |
| Nominal current | 10.9 A |
| Max. current | 12.8 A |
| Nominal frequency | 50 Hz |
| Frequency range | 47.5 ... 50.2 Hz |

Features

- Transformer with high efficiency (95.6%)
- Isolation of primary and secondary circuit for additional safety
- Wide operating temperature ranges: -25°C to +60°C
- RS485 (EIA485) communication interfaces
- Intelligent MPP tracking
- Suitable for indoor and outdoor applications (IP65)
- Without fan

With its IP65 casing, you can also install the SI 2500 solar inverter in protected outside areas. Since it is electrically isolated, personnel protection is guaranteed so the unit can even be installed in the living area – indoors or outdoors, it's up to you!

The relevant status messages and stored data can be easily called up either directly on the user-friendly display or via your PC which you have previously connected to the WEB'log from Meteocontrol and the solar inverter via the RS485 interface.

Because the SI 2500 is compatible with products from Meteocontrol, you can keep an eye on the status of your PV installation and the output from anywhere at any time.

The SI 2500 can be used for any size of installation – particularly suitable for users who are looking for smaller to medium-sized solar installations in applications such as single-family homes.

| GENERAL SPECIFICATION | |
|----------------------------|----------------|
| Max. efficiency | 95.6 % |
| Efficiency EU / California | 94.6 % |
| Operating temperature | -25 ... +60 °C |
| Storage temperature | -25 ... +80 °C |
| Humidity | 0 ... 95 % |
| | |
| | |

| MECHANICAL DESIGN | |
|--------------------------|---------------------------------|
| Size (L x W x D) | 443 x 335 x 150 mm ³ |
| Weight | 14.0 kg |
| Cooling | Convection |
| AC connector | Binder / Amphenol C16-1 |
| DC connector | 2 Tyco Solarlok |
| Communication interfaces | 2 Harting RJ45 / RS485 |
| | |

| STANDARDS | |
|------------------------------|--------------------------------------|
| Protection degree | IP65 |
| Safety class | 1 |
| Configurable trip parameters | Yes |
| Insulation monitoring | Yes |
| Overload behavior | Current limitation; power limitation |
| Safety | EN60950-1 |
| ENS | DIN VDE 0126-1-1 |
| | RD 1663 |
| | DK 5940 |

| DIRECTIVES | |
|------------|-----------------|
| EMC | EN55022 Class B |
| | EN61000-4-2 |
| | EN61000-4-3 |
| | EN61000-4-4 |
| | EN61000-4-5 |
| | EN61000-4-6 |
| | EN61000-4-8 |
| | |

SI 3300



Delta's Solar Inverter SI 3300

The SI 3300 solar inverter from Delta has a peak efficiency of 96.0%, so it rightfully occupies first place among inverters with transformer (see Photon Solarstrom magazine 05/2008).

The elegant and compact design of the casing and low noise characteristics of the SI 3300 makes this solar inverter from Delta look good even in living areas. You can of course mount it in protected outside areas as well since the IP65 casing is dust-tight, completely safe to touch (shock proof) and protects the unit from spray water from any direction.

Highly efficient and reliable, with its intelligent MPP tracking, the SI 3300 extracts maximum performance from your solar cells under all operating conditions.

Using the wall bracket supplied, mounting Delta's SI 3300 is no

| INPUT (DC) | |
|---------------------------|---------------|
| Max. recommended PV power | 4000 W |
| Nominal power | 3630 W |
| Voltage range | 125 ... 540 V |
| MPP range | 150 ... 450 V |
| Full power MPP range | 150 ... 450 V |
| Nominal current | 13.0 A |
| Max. current | 24.0 A |
| Stand-by power | < 0.2 W |

| OUTPUT (AC) | |
|-------------------|------------------|
| Nominal power | 3300 W |
| Max. power | 3485 W |
| Voltage range | 196 ... 253 V |
| Nominal current | 14.4 A |
| Max. current | 17.0 A |
| Nominal frequency | 50 Hz |
| Frequency range | 47.5 ... 50.2 Hz |

Features

- Transformer with peak efficiency (96.0%)
- Isolation of primary and secondary circuit for additional safety
- Wide operating temperature ranges: -25°C to +70°C
- RS485 (EIA485) communication interfaces
- Full power up to 57°C (without derating)
- Intelligent MPP tracking
- Suitable for indoor and outdoor applications (IP65)
- Without fan

problem, even for the private user. As soon as the wall bracket has been mounted where you want it, you only need to suspend the unit in the guide rail on the wall bracket with a single movement – no other drilling is necessary.

All the relevant status messages and stored data can be called up effortlessly either directly on the integrated display or via your PC which you have previously connected to the WEB'log from Meteocontrol and the solar inverter via the RS485 interface. Thanks to the self-explanatory menu, you can quickly navigate through the different status messages and select the required data.

Because the SI 3300 is compatible with products from Meteocontrol, you can keep an eye on the status of your PV installation and the output from anywhere at any time.

The SI 3300 can be used for any size of installation. It is particularly suitable for users who are looking for medium-sized solar installations.

| GENERAL SPECIFICATION | |
|----------------------------|----------------|
| Max. efficiency | 96.0 % |
| Efficiency EU / California | 94.8 % |
| Operating temperature | -25 ... +70 °C |
| Storage temperature | -25 ... +80 °C |
| Humidity | 0 ... 98 % |
| | |
| | |

| MECHANICAL DESIGN | |
|--------------------------|---------------------------------|
| Size (L x W x D) | 410 x 410 x 180 mm ³ |
| Weight | 21.5 kg |
| Cooling | Convection |
| AC connector | Wieland RST25i3S |
| DC connector | 4 Tyco Solarlok |
| Communication interfaces | 2 Harting RJ45 / RS485 |
| | |

| STANDARDS | |
|------------------------------|--------------------------------------|
| Protection degree | IP65 |
| Safety class | 1 |
| Configurable trip parameters | Yes |
| Insulation monitoring | Yes |
| Overload behavior | Current limitation; power limitation |
| Safety | EN60950-1 |
| ENS | DIN VDE 0126-1-1 |
| | RD 1663 |
| | DK 5940 |

| DIRECTIVES | |
|------------|-----------------|
| EMC | EN55022 Class B |
| | EN61000-4-2 |
| | EN61000-4-3 |
| | EN61000-4-4 |
| | EN61000-4-5 |
| | EN61000-4-6 |
| | EN61000-4-8 |
| | EN61000-3-2 |

SI 5000



Delta's Solar Inverter SI 5000

The latest high frequency technology used in the SI 5000 solar inverter enables it to operate at maximum efficiency and guarantees continuous, outstanding energy outputs.

With its IP65 casing, this high-efficiency, grid-connected solar inverter can be used both inside and in protected outside areas.

The bracket into which the SI 5000 is simply suspended after it is fixed to the wall is identical to the one used for the SI 3300 solar inverter from Delta. You can therefore swap over the two units effortlessly.

The user-friendly display makes the unit easy to operate. The relevant status messages and stored data can be easily called up either directly on the illuminated display or via your computer, which you have previously connected to the WEB'log from Meteocontrol and the SI 5000 via the RS485 interface.

| INPUT (DC) | |
|---------------------------|---------------|
| Max. recommended PV power | 6000 W |
| Nominal power | 5500 W |
| Voltage range | 125 ... 540 V |
| MPP range | 150 ... 450 V |
| Full power MPP range | 150 ... 450 V |
| Nominal current | 17.2 A |
| Max. current | 36.6 A |
| Stand-by power | < 0.2 W |

| OUTPUT (AC) | |
|-------------------|------------------|
| Nominal power | 5000 W |
| Max. power | 5240 W |
| Voltage range | 196 ... 253 V |
| Nominal current | 22.0 A |
| Max. current | 27.2 A |
| Nominal frequency | 50 Hz |
| Frequency range | 47.5 ... 50.2 Hz |

Features

- Transformer with peak efficiency (95.6%)
- Isolation of primary and secondary circuit for additional safety
- Wide operating temperature ranges: -25°C to +60°C
- RS485 (EIA485) communication interfaces
- Simple and direct on-screen data display
- Intelligent MPP tracking
- Suitable for indoor and outdoor applications (IP65)

Because the SI 5000 is compatible with products from Meteocontrol, you can keep an eye on the status of your PV installation and the output from anywhere at any time.

The SI 5000 from Delta can be used for any size of installation. It is particularly suitable for users who are looking for a solar inverter for medium-sized to large solar installations.

| GENERAL SPECIFICATION | |
|----------------------------|----------------|
| Max. efficiency | 95.6 % |
| Efficiency EU / California | 94.6 % |
| Operating temperature | -25 ... +60 °C |
| Storage temperature | -25 ... +80 °C |
| Humidity | 0 ... 98 % |
| | |
| | |

| MECHANICAL DESIGN | |
|--------------------------|---------------------------------|
| Size (L x W x D) | 510 x 410 x 180 mm ³ |
| Weight | 32.0 kg |
| Cooling | Convection / fans optional |
| AC connector | Phoenix VARIOCON |
| DC connector | 4 Tyco Solarlok |
| Communication interfaces | 2 Harting RJ45 / RS485 |
| | |

| STANDARDS | |
|------------------------------|--------------------------------------|
| Protection degree | IP65 |
| Safety class | 1 |
| Configurable trip parameters | Yes |
| Insulation monitoring | Yes |
| Overload behavior | Current limitation; power limitation |
| Safety | EN60950-1 |
| ENS | DIN VDE 0126-1-1 |
| | RD 1663 |
| | DK 5940 |

| DIRECTIVES | |
|------------|-----------------|
| EMC | EN55022 Class B |
| | EN61000-4-2 |
| | EN61000-4-3 |
| | EN61000-4-4 |
| | EN61000-4-5 |
| | EN61000-4-6 |
| | EN61000-4-8 |
| | EN61000-3-2 |

CI 100



Delta's Central Inverter CI 100

This extreme efficient modular inverter system provides maximum flexibility for a power output of 11 kW to 100 kW and is suitable for all the commonly used solar modules. The system consists of nine high-efficient inverter modules, DC disconnectors, system controllers, and a robust cabinet. Also, if any individual components fail in one of the inverters, a system availability of approximately 90% is guaranteed and the 'redundant system' design of the CI 100 ensures maximum reliability.

The concept of the central inverter CI 100 supports the user when expanding the system to increase output etc. and is very easy to service.

With the latest high frequency technology, the electrically isolated CI 100 from Delta achieves peak efficiencies up to 95.6%.

| INPUT (DC) | |
|---------------------------|---------------|
| Max. recommended PV power | 120 kW |
| Nominal power | 105 kW |
| Voltage range | 400 ... 900 V |
| MPP range | 450 ... 800 V |
| Full power MPP range | 450 ... 800 V |
| Max. current | 235 A |

| OUTPUT (AC) | |
|-------------------|------------------------------|
| Nominal power | 100 kW |
| Nominal voltage | 3 NPE x 400 V, +15% / -20% * |
| Nominal current | 145 A per phase |
| Max. current | 180 A |
| Nominal frequency | 50 Hz * |
| Frequency range | 50 Hz, +/- 2.5 Hz * |

* AC voltage and frequency range will be programmed according to the individual country requirements

Features

- Solutions from 11 kW to 100 kW
- Peak efficiency (95.6%)
- Fail-safe
- Ease of maintenance
- DC voltage range from 400 V to 900 V
- Intelligent MPP tracking
- Wide operating temperature range: -10°C to +50°C
- Suitable for indoor operation (IP20)
- User-friendly touch-screen display

Highly efficient and reliable, with its intelligent MPP tracking, the central inverter CI 100 gets maximum performance from your solar modules under all operating conditions.

Of course, the CI 100 is also fitted with overvoltage protection, heat protection, short-circuit protection and overcurrent protection. Delta's central inverter meets all guidelines regarding safety standards, EMC and national requirements.

The user-friendly menu navigation via the integrated touch screen display makes the unit easy to operate. All the operating states and fault messages on the CI 100 or PV installation can be monitored on the illuminated display or invoked via the RS485 interface. You can therefore get an overview of the different measurement values and system data recorded within a day, week, month or year.

As with all the solar inverters in the product range from Delta, the CI 100 is compatible with the saferSun Monitoring System from Me-teocontrol.

GENERAL SPECIFICATION

| | |
|----------------------------|----------------|
| Max. efficiency | 95.6 % |
| Efficiency EU / California | 94.6 % |
| Operating temperature | -10 ... +50 °C |
| Storage temperature | -25 ... +60 °C |
| Humidity | 0 ... 95 % |
| | |
| | |

MECHANICAL DESIGN

| | |
|------------------|-----------------------------------|
| Size (L x W x D) | 2000 x 1000 x 600 mm ³ |
| Weight | 460.0 kg |
| Cooling | Fan cooling |
| AC connector | Cable end sleeves |
| DC connector | Tubular cable lugs 3 x M8 |
| DC disconnect | Integrated |
| | |

STANDARDS

| | |
|------------------------------|--|
| Protection degree | IP20 |
| Safety class | 1 |
| Configurable trip parameters | Yes |
| Insulation monitoring | Yes |
| Overload behaviour | Current limitation; power limitation |
| Safety | EN60950-1; EN50178; Draft IEC62109-1/2; IEC 62103 |
| ENS | DIN VDE 0126-1-1 RD 1663; DK 5940 |

DIRECTIVES

| | |
|-----|-----------------|
| EMC | EN55022 Class B |
| | EN61000-4-2 |
| | EN61000-4-3 |
| | EN61000-4-4 |
| | EN61000-4-5 |
| | EN61000-4-6 |
| | EN61000-4-8 |
| | EN61000-3-2 |

Solar accessories

WEB'log Products - Meteocontrol

| Part number Delta | WEB'log products |
|----------------------|---|
| | WEB'log light + analogue, integrated (max. 5 bus sharing units; 20 kWp) |
| | WEB'log light + (local) Ethernet (max. 5 bus sharing units; 20 kWp) |
| | WEB'log light + DSL (max. 5 bus sharing units; 20 kWp) |
| 5040001700 | WEB'log basic analogue, incl. mains adapter |
| | WEB'log basic ISDN, incl. mains adapter |
| 5040002000 | WEB'log basic Ethernet, incl. mains adapter |
| | WEB'log basic DSL, incl. mains adapter |
| 5040001800 | WEB'log Pro analogue, incl. display & mains adapter |
| 5040002300 | WEB'log Pro ISDN, incl. display & mains adapter |
| 5040001900 | WEB'log Pro GSM, incl. display & mains adapter |
| 5040002600 | WEB'log Pro Ethernet, incl. display & mains adapter |
| | WEB'log Pro DSL, incl. display & mains adapter |
| 3081126400 | Connect Delta (Easyconnect cable) IP20 |

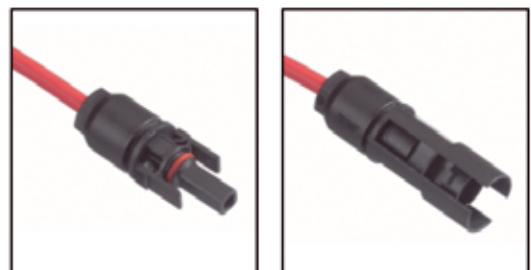
| Part number Delta | Radiation sensors |
|----------------------|---|
| | Radiation sensor Si-12TC, 0 - 10 V |
| 5040002200 | Radiation sensor Si-12TC-T, 0 - 10 V; incl. temperature |
| | Radiation sensor Si-12TC, 0 - 10 V; incl. 30 metre connection cable |
| | Radiation sensor Si-12TC-T, 0 - 10 V; incl. temperature and 30 metre connection cable |

| Part number Delta | GSM data cards |
|----------------------|---------------------------------------|
| | GSM data card, contract D1, 24 months |
| | GSM data card, contract D2, 24 months |



Plug connectors - Tyco Solarlok

| Part number Delta | Plug connectors |
|----------------------|--|
| | Tyco Solarlok photovoltaic plug connectors, Female cable coupler Plus coded, 2.5 mm ² (AWG 14) |
| | Tyco Solarlok photovoltaic plug connectors, Female cable coupler Minus coded, 2.5 mm ² (AWG 14) |
| | Tyco Solarlok photovoltaic plug connectors, Female cable coupler Plus coded, 4.0 mm ² (AWG 12) |
| | Tyco Solarlok photovoltaic plug connectors, Female cable coupler Minus coded, 4.0 mm ² (AWG 12) |
| | Tyco Solarlok photovoltaic plug connectors, Female cable coupler Plus coded, 6.0 mm ² (AWG 10) |
| | Tyco Solarlok photovoltaic plug connectors, Female cable coupler Minus coded, 6.0 mm ² (AWG 10) |



Connection cable - Harting

| Part number Delta | Connection cable |
|----------------------|--|
| 3081129500 | Connection cable from inverter to WEB'Logger from Meteocontrol: - Prefabricated outdoor cable with Harting RJ45 push-pull and RJ12 plugs, IP65, length: 5 metres - Only suitable for SI 2500 CR, SI 3300 and SI 5000 |
| | Connection cable from inverter to inverter: - Harting push-pull system cable RJ45, 8-core for IP65/67 applications, length 1.5 metres - Only suitable for SI 2500 CR, SI 3300 and SI 5000 |
| | Connection cable from inverter to inverter: - Harting push-pull system cable RJ45, 8-core for IP65/67 applications, length 3.0 metres - Only suitable for SI 2500 CR, SI 3300 and SI 5000 |
| | Connection cable from inverter to inverter: - Harting push-pull system cable RJ45, 8-core for IP65/67 applications, length 5.0 metres - Only suitable for SI 2500 CR, SI 3300 and SI 5000 |
| | Connection cable from inverter to inverter: - Harting push-pull system cable RJ45, 8-core for IP65/67 applications, length 10.0 metres - Only suitable for SI 2500 CR, SI 3300 and SI 5000 |
| | Connection cable from inverter to inverter: - Harting push-pull system cable RJ45, 8-core for IP65/67 applications, length 20.0 metres - Only suitable for SI 2500 CR, SI 3300 and SI 5000 |



DC disconnecter - Santon

| Part number Delta | DC disconnecter |
|----------------------|---|
| | Two-pole DC disconnecter, 500 V / 16 A, DC21-A, IP65, for max. 2 strings, without overvoltage protection, suitable for SI 1900, SI 2200 and SI 2500 (1 MPP) |
| 3000183092 | Two-pole DC disconnecter, 600 V / 25 A, DC21-A, IP65 for max. 5 strings, without overvoltage protection, suitable for SI 3300 (1 MPP) |
| | Four-pole DC disconnecter, 600 V / 16 A, DC21-A, IP65 for max. 2 strings, without overvoltage protection, suitable for SI 5000 (2 MPPs) |
| 3000182992 | Four-pole DC disconnecter, 600 V / 25 A, DC21-A, IP65 for max. 5 strings, without overvoltage protection, suitable for SI 5000 (2 MPPs) |
| | DC disconnecter with integrated overvoltage protection available as an alternative |





www.solar-inverter.com
www.secondlife.solar-inverter.com

EUROPE

Delta Energy Systems (Germany) GmbH

Tscheulinstrasse 21
D-79331 Teningen
Germany

Email: sales@solar-inverter.com

Sales Hotline: 0180 10 SOLAR (76527)

Support Hotline: 0180 16 SOLAR (76527)

9:00 am - 5:00 pm (3,9 ct/min)

USA

Delta Products Corporation, Inc.

P.O. BOX 12173
5101 Davis Drive,
Research Triangle Park
NC 27709, U.S.A.

Tel.: + 1 919 767 3819

Fax: +1 919 767 2454

Email: sshmania@delta-corp.com

ASIA

Delta Electronics, Inc.

39, Section 2, Huandong Road,
Shanhua Township,
Tainan County 74144,
Taiwan, R.O.C.

Tel: +886 6 505 6565

Fax: +886 6 505 1919

Email: dela.lin@delta.com.tw

Delta Products Corporation, Inc.

15125 SW Koll Parkway, Suite K
Beaverton,
OR 97006, U.S.A.

Tel.: + 1 503 533 8444 ext. 108

Fax: +1 503 533 0768

Email: dnasca@delta-corp.com

