



Solar Inverters Product Catalogue

Solar inverters, monitoring and support
for installations from 2.5 kW to more than 1 MW



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About us

At Delta Energy Systems, we believe that much more than just good products are needed to maximise your energy efficiency. The key to our continued success is how well we understand the demands and needs of our customers – day after day, year after year.

We have been partners with some of the largest high-tech companies in the world for more than 40 years. Our power solutions have contributed to the success of much of our partners' ground breaking technology and have helped them to stay ahead in a rapidly changing world.

Together with our customers, we offer innovative next-generation solutions for the efficient use of solar energy that already work and upgrade your solar system now for the future.

The Delta Group is an international high-tech company with more than 80,000 employees worldwide and a turnover of 7 billion USD.

Since 1999, Delta Energy Systems (Germany) – a subsidiary of the Delta Group – has invested in research and development in the solar inverter program in Germany.

Delta Energy Systems (Australia) has had huge success marketing its German designed SOLIVIA solar inverters to a range of clients. Due to this outstanding performance and growth within the Australian market, Delta had outgrown its original South Melbourne office and opened its new office in Notting Hill in April 2012 in Melbourne's eastern suburbs.

When it comes to energy, we believe partnership is the real power.





Photovoltaic installation at Delta in Teningen (Germany, Europe):
46 kW nominal output power – 205 solar modules – 15 string inverters.

SOLIVIA - Solar inverters

Delta offers a complete product range of solar inverters, accessories and services to our partners and installers and the best photovoltaic systems to maximise profit.

SOLIVIA stands for „SOLar inverters for Versatile and Intelligent Applications“.

SOLIVIA solar inverters are multifaceted and can be used in every system size as well as are compatible with all commercially available solar modules and system components.

SOLIVIA solar inverters are not only the heart of your system, but also the intelligent control equipment of your power generation in conjunction with the Delta monitoring system.

Our Solar Team is always available to support you. We would be happy to assist you in the planning of your installations.

Versatile applications



SOLIVIA string inverters can be used with all commercially available photovoltaic modules. Even solar panels that require the solar generator to be grounded at the positive or negative pole can be easily used with SOLIVIA inverters. The wide input voltage range of SOLIVIA inverters offers maximum flexibility for system installation.

Maximum profitability



SOLIVIA solar inverters achieve a peak efficiency of up to 98 % and offer one of the largest operating temperature ranges available (-25 °C to up to +70 °C). Full output up to 55 °C ambient temperature maximise energy efficiency and ensure maximum profitability.

Aluminium housing



The aluminium housing of the SOLIVIA solar inverters ensure long lasting protection against moisture and corrosion. The dust-proof, completely shockproof housing protects the electronics of the solar inverter from water spray from all directions. This means that it can be installed in protected outdoor areas, damp basements and areas with a high level of dust (agriculture).

Easy installation



SOLIVIA inverters offer exciting and innovative features that make installation easier. Not only are the inverters lightweight and compact, they also come with built-in handles and a convenient mounting plate that allows for simple one-person installation.



Reference installation in Bivona (Italy, Europe):
425 kW nominal output power - 81 string inverters.

Solar inverters with transformer

SOLIVIA solar inverters from 2.5 kW to 5.0 kW



SOLIVIA solar inverters with transformer from Delta are the perfect choice if you want a solar system for a single or multi-family house.

SOLIVIA inverters are the ideal solution for private homeowners. The inverters are fanless and therefore fairly quiet. The quality aluminium housing will look like new for years to come.

The SOLIVIA inverters have an intelligent MPP tracking that extracts maximum performance from solar panels under all operating conditions. Full power up to 55 °C ensures maximum yield in warmer climates.

The transformer-based string inverters can be used with all common photovoltaic module types, even with back-contact and thin-film modules that require positive or negative DC grounding. With the optional grounding kit from Delta, the SOLIVIA inverters are a perfect fit for these applications. Additionally to that, no further grounding of the PV generator is needed.

The private home-owner can check his installation on the Internet at any time with the monitoring portal from Delta. All status messages can be directly read on the easy-to-use inverter display.

The installer can also get extensive inverter data on his PC and configure the settings easily with the free service software.

Our Delta Service & Support Team will be happy to advise the installer and the end customer should any questions arise about the use of the SOLIVIA inverter.



Reference installation in Gembrook (Victoria, Australia):
2.66 kW nominal output power - 14 modules - 1 SOLIVIA 2.5 AP G3 TR string inverter.

SOLIVIA 2.5 TR



Technical data SOLIVIA 2.5 TR

INPUT (DC)	SOLIVIA 2.5 AP G3 TR
Max. recommended PV power	3100 W _p
Nominal power	2750 W
Voltage range	125 ... 540 V
Full power MPP range	150 ... 450 V
Nominal current	9.8 A
Max. current	18 A

OUTPUT (AC)	
Nominal power	2500 W (power limit option: 2350 W)
Voltage range	210 ... 264 V
Nominal current	10.9 A
Nominal frequency	50 Hz
Frequency range	48 ... 52 Hz
Power factor	> 0.99 @ nominal power
Total harmonic distortion (THD)	< 3 % @ nominal power

GENERAL SPECIFICATION

Model name	SOLIVIA 2.5 AP G3 TR
Part number Delta	EOE45010272
Max. efficiency	96 %
Efficiency EU	94.8 %
Operating temperature	-25 ... +70 °C
Full power without derating	-25 ... +55 °C
Storage temperature	-25 ... +80 °C
Humidity	0 ... 98 %
Max. operating altitude	2000 m (above sea level)

MECHANICAL DESIGN

Size (L x W x D)	410 x 410 x 180 mm
Weight	21.5 kg
Cooling	Convection
AC connector	Wieland RST25i3S
DC connector	4 pairs of Multi-Contact MC4
Communication interfaces	2 x RJ45 / RS485
Display	3 LEDs, 2-line LCD

STANDARDS / DIRECTIVES	SOLIVIA 2.5 AP G3 TR
Protection degree	IP65
Safety class	I
Configurable trip parameters	Yes
Insulation monitoring	Yes
Overload behavior	Current limitation; power limitation
Anti-islanding protection / Grid regulation	AS 4777.2; AS 4777.3; IEC 60255.5
EMC	AS 4777.1; AS 4777.2; AS 4777.3; EN 61000-6-2; IEC / EN 61000-6-3
Safety	AS/NZS 60950; AS/NZS 3100; AS 4777.2; AS 4777.3

SOLIVIA 3.0 TR



Technical data SOLIVIA 3.0 TR

INPUT (DC)	SOLIVIA 3.0 AP G3 TR
Max. recommended PV power	3650 W _p
Nominal power	3300 W
Voltage range	125 ... 540 V
Full power MPP range	150 ... 450 V
Nominal current	11.8 A
Max. current	22 A

OUTPUT (AC)	
Nominal power	3000 W
Voltage range	210 ... 264 V
Nominal current	13 A
Nominal frequency	50 Hz
Frequency range	48 ... 52 Hz
Power factor	> 0.99 @ nominal power
Total harmonic distortion (THD)	< 3 % @ nominal power

GENERAL SPECIFICATION

Model name	SOLIVIA 3.0 AP G3 TR
Part number Delta	EOE46010259
Max. efficiency	96 %
Efficiency EU	94.8 %
Operating temperature	-25 ... +70 °C
Full power without derating	-25 ... +55 °C
Storage temperature	-25 ... +80 °C
Humidity	0 ... 98 %
Max. operating altitude	2000 m (above sea level)

MECHANICAL DESIGN

Size (L x W x D)	410 x 410 x 180 mm
Weight	21.5 kg
Cooling	Convection
AC connector	Wieland RST25i3S
DC connector	4 pairs of Multi-Contact MC4
Communication interfaces	2 x RJ45 / RS485
Display	3 LEDs, 2-line LCD

STANDARDS / DIRECTIVES	SOLIVIA 3.0 AP G3 TR
Protection degree	IP65
Safety class	I
Configurable trip parameters	Yes
Insulation monitoring	Yes
Overload behavior	Current limitation; power limitation
Anti-islanding protection / Grid regulation	AS 4777.2; AS 4777.3; IEC 60255.5
EMC	AS 4777.1; AS 4777.2; AS 4777.3; EN 61000-6-2; IEC / EN 61000-6-3
Safety	AS/NZS 60950; AS/NZS 3100; AS 4777.2; AS 4777.3

SOLIVIA 3.3 TR



Technical data SOLIVIA 3.3 TR

INPUT (DC)	SOLIVIA 3.3 AP G3 TR
Max. recommended PV power	4000 W _p
Nominal power	3630 W
Voltage range	125 ... 540 V
Full power MPP range	150 ... 450 V
Nominal current	13 A
Max. current	24 A

OUTPUT (AC)	
Nominal power	3300 W
Voltage range	210 ... 264 V
Nominal current	14.4 A
Nominal frequency	50 Hz
Frequency range	48 ... 52 Hz
Power factor	> 0.99 @ nominal power
Total harmonic distortion (THD)	< 3 % @ nominal power

GENERAL SPECIFICATION

Model name	SOLIVIA 3.3 AP G3 TR
Part number Delta	EOE46010260
Max. efficiency	96 %
Efficiency EU	94.8 %
Operating temperature	-25 ... +70 °C
Full power without derating	-25 ... +55 °C
Storage temperature	-25 ... +80 °C
Humidity	0 ... 98 %
Max. operating altitude	2000 m (above sea level)

MECHANICAL DESIGN

Size (L x W x D)	410 x 410 x 180 mm
Weight	21.5 kg
Cooling	Convection
AC connector	Wieland RST25i3S
DC connector	4 pairs of Multi-Contact MC4
Communication interfaces	2 x RJ45 / RS485
Display	3 LEDs, 2-line LCD

STANDARDS / DIRECTIVES	SOLIVIA 3.3 AP G3 TR
Protection degree	IP65
Safety class	I
Configurable trip parameters	Yes
Insulation monitoring	Yes
Overload behavior	Current limitation; power limitation
Anti-islanding protection / Grid regulation	AS 4777.2; AS 4777.3; IEC 60255.5
EMC	AS 4777.1; AS 4777.2; AS 4777.3; EN 61000-6-2; IEC / EN 61000-6-3
Safety	AS/NZS 60950; AS/NZS 3100; AS 4777.2; AS 4777.3

SOLIVIA 5.0 TR



Technical data SOLIVIA 5.0 TR

INPUT (DC)	SOLIVIA 5.0 AP G3 TR
Max. recommended PV power	6000 W _p
Nominal power	5500 W
Voltage range	125 ... 540 V
Full power MPP range	150 ... 450 V
Nominal current	17.2 A
Max. current	32 A

OUTPUT (AC)	
Nominal power	5000 W (power limit option: 4600 W)
Voltage range	210 ... 264 V
Nominal current	22 A
Nominal frequency	50 Hz
Frequency range	48 ... 52 Hz
Power factor	> 0.99 @ nominal power
Total harmonic distortion (THD)	< 4 % @ nominal power

GENERAL SPECIFICATION

Model name	SOLIVIA 5.0 AP G3 TR
Part number Delta	EOE46010301
Max. efficiency	95.6 %
Efficiency EU	94.6 %
Operating temperature	-25 ... +60 °C
Storage temperature	-25 ... +80 °C
Humidity	0 ... 98 %
Max. operating altitude	2000 m (above sea level)

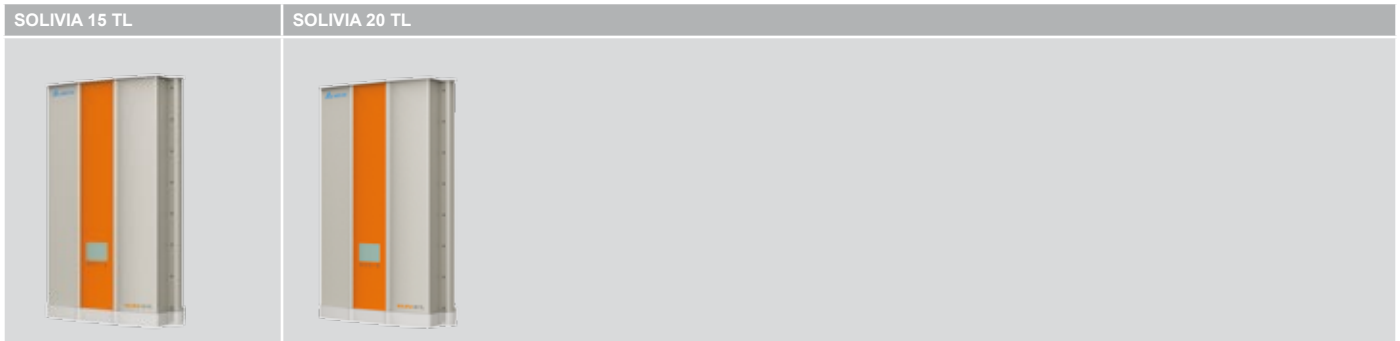
MECHANICAL DESIGN

Size (L x W x D)	510 x 410 x 180 mm
Weight	32 kg
Cooling	Convection
AC connector	Wieland RST25i3S
DC connector	4 pairs of Multi-Contact MC4
Communication interfaces	2 x RJ45 / RS485
Display	3 LEDs, 2-line LCD

STANDARDS / DIRECTIVES	SOLIVIA 5.0 AP G3 TR
Protection degree	IP65
Safety class	I
Configurable trip parameters	Yes
Insulation monitoring	Yes
Overload behavior	Current limitation; power limitation
Anti-islanding protection / Grid regulation	AS 4777.2; AS 4777.3; IEC 60255.5
EMC	AS 4777.1; AS 4777.2; AS 4777.3; EN 61000-6-2; IEC / EN 61000-6-3
Safety	AS/NZS 60950.1; AS/NZS 3100; AS 4777.2; AS 4777.3

Solar inverters without transformer

SOLIVIA solar inverters 15 kW to 20 kW



For medium sized systems, such as those frequently used in the commercial or agricultural sectors, our 3-phase SOLIVIA solar inverters are ideal:

- SOLIVIA 15 TL
- SOLIVIA 20 TL

The three-phase SOLIVIA inverters have maximum efficiency of up to 98 %. In comparison with commercially available devices, the Delta inverters offer the highest efficiency with a much wider power range. Combined with good temperature performance they ensure maximum yield and profits, even with outdoors installations.

The comparatively low weight and compact design facilitates handling significantly. The supplied mounting plate simplifies the installation of SOLIVIA solar inverters. After mounting the plate to the desired location, the inverter is simply pushed onto the wall mount on the rails – no further drilling is required.

The environmental conditions in agriculture and industry place high demands on an inverter. The completely sealed and shockproof housing protects the solar inverter from dust and water spray from all directions, so that SOLIVIA inverters can be installed in these areas and in protected outdoor areas.



Reference installation in Vrapice (Czech Republic, Europe):
1 MW nominal output power - 4320 solar modules - 180 string inverters.

SOLIVIA 15 TL



Technical data SOLIVIA 15 TL

INPUT (DC)	SOLIVIA 15 EU G4 TL
Max. recommended PV power	19 kW _p
Nominal power	15.3 kW
Voltage range	250 ... 1000 V
Full power MPP range	350 ... 800 V
Max. current	48 A (24 A per MPP)
Max. number of MPP trackers	2

OUTPUT (AC)	
Nominal apparent power	15 kVA ¹⁾
Voltage range	3 x 230 / 400 V (± 20 %) + N + PE (3 phases, 5 wires) ²⁾
Nominal current	22 A (per phase)
Nominal frequency	50 / 60 Hz
Frequency range	50 / 60 Hz ± 5 Hz ²⁾
Power factor adjustable	0.8 cap ... 0.8 ind
Total harmonic distortion (THD)	< 3 % @ nominal apparent power

GENERAL SPECIFICATION

Model name	SOLIVIA 15 EU G4 TL
Part number Delta	EOE48010362
Max. efficiency	98 %
Efficiency EU	> 97.8 %
Operating temperature	-20 ... +60 °C
Full power without derating	-20 ... +40 °C
Storage temperature	-20 ... +70 °C
Humidity	0 ... 90 %
Max. operating altitude	2000 m (above sea level)

MECHANICAL DESIGN

Size (L x W x D)	952 x 625 x 275 mm
Weight	67.2 kg
Cooling	Fan
AC connector	Amphenol C16/3
DC connector	4 pairs of Multi-Contact MC4
Communication interfaces	2 x RJ45 / RS485
DC disconnecter	Integrated
Display	Black/white graphical LCD

STANDARDS / DIRECTIVES	SOLIVIA 15 EU G4 TL
Protection degree	IP65 / IP55 ³⁾
Safety class	I
Configurable trip parameters	Yes
Insulation monitoring	Yes
Overload behavior	Current limitation; power limitation
Anti-islanding protection / Grid regulation	DIN VDE 0126-1-1; RD 661/2007; RD 1699/2011; CEI0-21; TERNAA70; UTE C15-712-1; Synergrid C10/11 (June 2012); EN 50438; G59/2; VDE-AR-N 4105; BDEW; AS 4777
EMC	EN61000-6-2; EN61000-6-3; EN61000-3-11; EN61000-3-12; C-Tick
Safety	IEC62109-1 / -2; AS/NZS 3100

1) Cos Phi = 1 (VA = W)

2) AC voltage and frequency range will be programmed according to the individual country requirements.

3) IP65 for electronics / IP55 for cooling area

SOLIVIA 20 TL



Technical data SOLIVIA 20 TL

INPUT (DC)	SOLIVIA 20 EU G4 TL
Max. recommended PV power	25 kW _p
Nominal power	20.4 kW
Voltage range	250 ... 1000 V
Full power MPP range	350 ... 800 V
Max. current	60 A (30 A per MPP)
Max. number of MPP trackers	2

OUTPUT (AC)	
Nominal apparent power	20 kVA ¹⁾
Voltage range	3 x 230 / 400 V (± 20 %) + N + PE (3 phases, 5 wires) ²⁾
Nominal current	29 A (per phase)
Nominal frequency	50 / 60 Hz
Frequency range	50 / 60 Hz ± 5 Hz ²⁾
Power factor adjustable	0.8 cap ... 0.8 ind
Total harmonic distortion (THD)	< 3 % @ nominal apparent power

GENERAL SPECIFICATION

Model name	SOLIVIA 20 EU G4 TL
Part number Delta	EOE48010364
Max. efficiency	98 %
Efficiency EU	> 97.8 %
Operating temperature	-20 ... +60 °C
Full power without derating	-20 ... +40 °C
Storage temperature	-20 ... +70 °C
Humidity	0 ... 90 %
Max. operating altitude	2000 m (above sea level)

MECHANICAL DESIGN

Size (L x W x D)	952 x 625 x 275 mm
Weight	67.2 kg
Cooling	Fan
AC connector	Amphenol C16/3
DC connector	4 pairs of Multi-Contact MC4
Communication interfaces	2 x RJ45 / RS485
DC disconnect	Integrated
Display	Black/white graphical LCD

STANDARDS / DIRECTIVES	SOLIVIA 20 EU G4 TL
Protection degree	IP65 / IP55 ³⁾
Safety class	I
Configurable trip parameters	Yes
Insulation monitoring	Yes
Overload behavior	Current limitation; power limitation
Anti-islanding protection / Grid regulation	DIN VDE 0126-1-1; RD 661/2007; RD 1699/2011; CEI0-21; TERNAA70; UTE C15-712-1; Synergid C10/11 (June 2012); EN 50438; G59/2; VDE-AR-N 4105; BDEW; AS 4777
EMC	EN61000-6-2; EN61000-6-3; EN61000-3-11; EN61000-3-12; C-Tick
Safety	IEC62109-1 / -2; AS/NZS 3100

- 1) Cos Phi = 1 (VA = W)
- 2) AC voltage and frequency range will be programmed according to the individual country requirements.
- 3) IP65 for electronics / IP55 for cooling area

SOLIVIA Monitor

SOLIVIA Monitor is a turn-key monitoring system suitable for monitoring several PV systems, which ensures reliable operation and a maximum return on your investment in your solar system.

With its user-friendly Internet application, which provides a quick overview of the most important values, the yield and the system status, the SOLIVIA Monitor is ideal for monitoring PV systems of up to 30 kW.

Easy to understand charts and reports can be displayed at the press of a button. In addition, the system can also show photos of the customer's system, local weather information and environmental savings. SOLIVIA Monitor enables installers to monitor their customers' installations.



Simple and secure data reporting



Real-time performance data is gathered from the inverters, sent over the internet, and presented on your computer or web-enabled device with easy to read graphs and reports.

Turn-key monitoring system



The SOLIVIA Monitor system includes the gateway, database, and web application to allow a complete monitoring solution of one or many solar PV systems.

System alerts



Downtime is minimized with automated alerts providing immediate notification of current or potential problems, which increases the return from your solar investment.

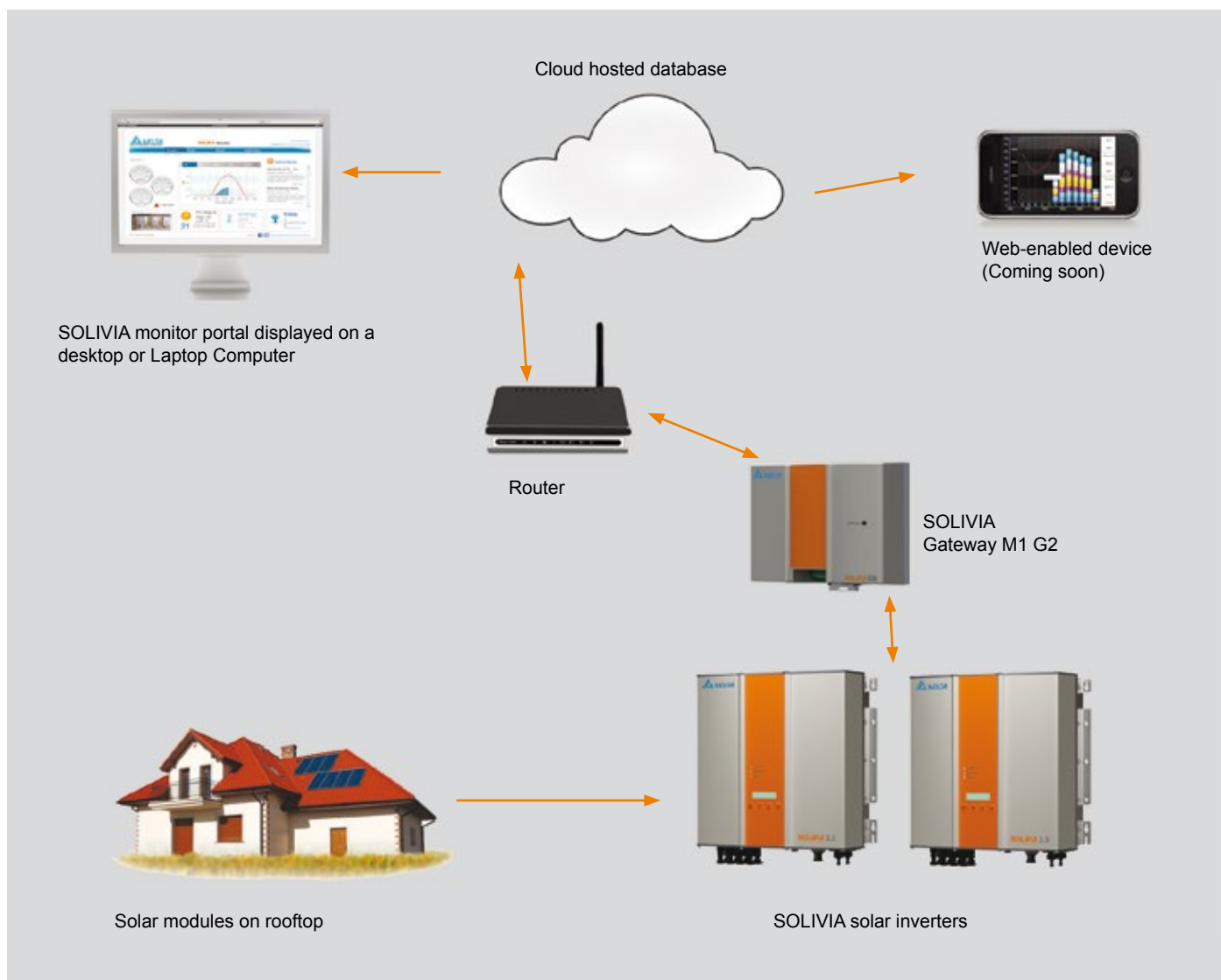
Technical data SOLIVIA Monitor

LANGUAGES	SOLIVIA MONITOR
Available languages	English, French, Spanish, Italian, German, Czech, Portugese, Slovak, Dutch, Simplified Chinese, Traditional Chinese, Korean, Thai

MONITORING	SOLIVIA MONITOR
Inverter monitoring and communication monitoring	Continuous monitoring between the SOLIVIA inverter and SOLIVIA Gateway M1 G2, alert email when connection is disrupted.

PV SYSTEM INFORMATION	
PV system status	Properties and parameters of your PV system are shown.
Year-by-year comparison	Quick yield overview for the lifetime of the PV system.
Event summary	View event messages in chronological order.

GRAPHS	
Standard graphs	Standard reports for performance, yield, and DC V- DC A for each inverter or multiple inverters in the PV system.
Data download	Download to a CSV file or copy to the clipboard.



Delta Service & Support



Good service is very important. Therefore Delta provides reliable, flexible and competent support.

Customer satisfaction and fast response times are for Delta not just words. Delta cares for partners and customers during the complete lifetime of the product.

Our highly motivated Solar Team supports Delta's customers due to an especially installed Solar Support Hotline which is there when you need help.

If necessary, you can receive local support from our service teams. Exchange units and components are available within a few working days.

Do you need detailed information about the solar inverter; No problem! Our Delta Solar Team offers inverter training courses which can be run either on our premises or on your premises on request.



SOLIVIA Solar seminars





Expert knowledge around the photovoltaic system is getting more important. Not only in-depth knowledge in relation to the components used but also knowledge of the complete installation should be considered.

For this reason, we invite you to participate in one or even several of our interesting and varied photovoltaic seminars:

- Basic PV Seminar

Our basic PV seminars in cooperation with our partners, are destined to customers, who want to learn more about inverters, modules and photovoltaic in general.

- Customized PV Seminar

Whether your focus is more technical or sales oriented, you can set up your own individual seminar to specifically topics and focal points of interest.

All seminars can be attended at our company location in Melbourne (Victoria, Australia). If desired, the seminars can also be held at your premises or at a location selected by you.

You can obtain further information about our PV seminars on our Internet site: www.training.solar-inverter.com.

If you have any questions, do not hesitate to contact us by e-mail: training.australia@solar-inverter.com or by phone: +61 3 9543 3053.

SOLIVIA Accessories

SOLIVIA PV Planner - Delta

The SOLIVIA PV Planner is a free application used by the installer to configure a PV system in just a few steps. The PV Planner determines the appropriate SOLIVIA system suggestion following the definition of the installation environment and the PV generator. In addition to the proposed system configuration the PV Planner can also calculate cable losses.

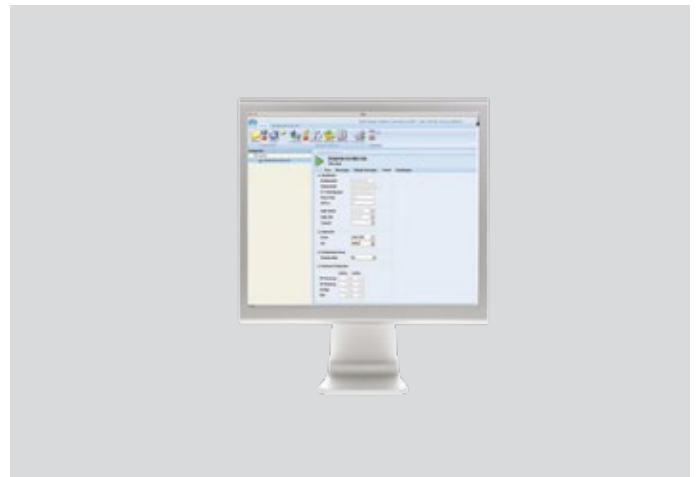
PART NUMBER DELTA	SOLIVIA PV PLANNER
	Tool for planning PV systems
	Link: https://pvplanner.solar-inverter.com/



Service Software Kit - Delta

The service software is offered within a kit, consisting out of a Delta RS485 cable and a USB to RS485 converter. The software which is necessary to use the kit can be downloaded from our website free of charge. The software enables the installer e.g. to adapt settings, realize firmware upgrades and other updates without any need to open the inverter. The memory from every inverter can be stored and readout with the software in order to facilitate maintenance and on-site service.

PART NUMBER DELTA	SERVICE SOFTWARE KIT
EOE90000220	Kit for all SOLIVIA string inverters
	Download: download.solar-inverter.com



SOLIVIA Gateway - Delta

The SOLIVIA gateway is the interface between your SOLIVIA inverter and the SOLIVIA Monitor web portal. It transmits all relevant data from your SOLIVIA inverter (for example the supplied AC energy of the day, the actual AC power, some error bytes etc.) to the SOLIVIA Monitor web portal. The SOLIVIA gateway not only monitors your PV system but also provides future proofing with its inbuilt interface for a ripple control receiver.

DELTA TEILENUMMER	SOLIVIA GATEWAY
EOE90010381	SOLIVIA Gateway M1 G2 is the interface between your SOLIVIA inverter and the SOLIVIA Monitor web portal.



Grounding kit - Delta

SOLIVIA string inverters can be used with all commercially available photovoltaic modules. Even solar panels that require the solar generator to be grounded at the positive or negative pole can be easily used with SOLIVIA inverters. With the optional grounding kit from Delta, the SOLIVIA inverters are a perfect fit for these applications.

PART NUMBER DELTA	GROUNDING KIT
EOE99000275	Kit for grounding Delta's SOLIVIA TR string inverters



Monitoring systems - Solare Datensysteme

PART NUMBER DELTA	MONITORING SYSTEMS
	Obtainable from Solare Datensysteme: www.solar-log.com .



DC disconnecter - Santon

The DC disconnecter, which is mandatory for connection to the grid, is already integrated in the SOLIVIA 15 TL and SOLIVIA 20 TL solar inverters. For the SOLIVIA TR string inverters you will need to buy an external DC disconnecter.

PART NUMBER DELTA	DC DISCONNECTOR
3000183292	Two-pole DC disconnecter, 600V/25A, DC21, IP65 for max. 5 strings, without overvoltage protection.
3000187692	Two-pole DC disconnecter, 600V/25A, DC21, IP65 for max. 4 strings, with overvoltage protection.

DC disconnectors with integrated overvoltage protection are available on request



SOLIVIA Accessories

Connection cables - Harting

PART NUMBER DELTA	CONNECTION CABLE
3081129500	Connection cable from Delta solar inverter to WEB'Logger from Meteocontrol: - Assembled outdoor cable with Harting RJ45 PushPull and RJ12 plugs, IP65, length of 5 meters - Only suitable for SOLIVIA TR string inverters
3081186300	Connection cable from inverter to inverter: - Harting PushPull system cable RJ45, 8-core for IP65/67 applications, length of 1.5 meters - Only suitable for SOLIVIA TR string inverters
3081186500	Connection cable from inverter to inverter: - Harting PushPull system cable RJ45, 8-core for IP65/67 applications, length of 3.0 meters - Only suitable for SOLIVIA TR string inverters
3081186600	Connection cable from inverter to inverter: - Harting PushPull system cable RJ45, 8-core for IP65/67 applications, length of 5.0 meters - Only suitable for SOLIVIA TR string inverters
3081186200	Connection cable from inverter to inverter: - Harting PushPull system cable RJ45, 8-core for IP65/67 applications, length of 10.0 meters - Only suitable for SOLIVIA TR string inverters
3081186400	Connection cable from inverter to inverter: - Harting push-pull system cable RJ45, 8-core for IP65/67 applications, length of 20.0 meters - Only suitable for SOLIVIA TR string inverters



PV plug connectors - Multi-Contact MC4

PART NUMBER DELTA	PLUG CONNECTORS
	Female cable coupler as individual part (including insulating part) Type: PV-KBT4/2,5I-UR; Ø range of cable gland: 3 – 6 mm; Conductor cross section: 1.5 - 2.5 mm ²
	Male cable coupler as individual part (including insulating part) Type: PV-KST4/2,5I-UR; Ø range of cable gland: 3 – 6 mm; Conductor cross section: 1.5 - 2.5 mm ²
	Female cable coupler as individual part (including insulating part) Type: PV-KBT4/2,5II-UR; Ø range of cable gland: 5.5 – 9 mm; Conductor cross section: 1.5 - 2.5 mm ²
	Male cable coupler as individual part (including insulating part) Type: PV-KST4/2,5II-UR; Ø range of cable gland: 5.5 – 9 mm; Conductor cross section: 1.5 - 2.5 mm ²
	Female cable coupler as individual part (including insulating part) Type: PV-KBT4/6I-UR; Ø range of cable gland: 3 – 6 mm; Conductor cross section: 4 - 6 mm ²
	Male cable coupler as individual part (including insulating part) Type: PV-KST4/6I-UR; Ø range of cable gland: 3 – 6 mm; Conductor cross section: 4 - 6 mm ²
	Female cable coupler as individual part (including insulating part) Type: PV-KBT4/6II-UR; Ø range of cable gland: 5.5 – 9 mm; Conductor cross section: 4 - 6 mm ²
	Male cable coupler as individual part (including insulating part) Type: PV-KST4/6II-UR; Ø range of cable gland: 5.5 – 9 mm; Conductor cross section: 4 - 6 mm ²



AC Connectors

PART NUMBER DELTA	AC CONNECTORS
307229555N	- AC connector Wieland RST25i3S - Suitable for SOLIVIA TR string inverters
3072390220	- AC connector Amphenol C16/3 - Suitable for SOLIVIA 15 EU TL and SOLIVIA 20 EU TL string inverters

Terminating plug

PART NUMBER DELTA	TERMINATING PLUG
3072438991	- RJ 45 terminating plug G3RT / Harting IP67

Notes

SERVICE - AUSTRALIA

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