



SOLIVIA 2.0 TR

High efficiency solar inverters for the European market -
Perfect choice for a single or multi-family house

Versatile applications

- Usable with all commercially available solar modules (mono, poly, amorphous)
- Wide input voltage range
- Suitable for indoor and outdoor applications (IP65)

Maximum profitability

- Peak efficiency of 96.2 %
- Full output power up to 55 °C
- 10 years guarantee after online registration

2000 Watt solar inverters

Technical data SOLIVIA 2.0 TR

| INPUT (DC) | SOLIVIA 2.0 EU G4 TR |
|---------------------------|----------------------|
| Max. recommended PV power | 2400 W _p |
| Nominal power | 2200 W |
| Voltage range | 125 ... 600 V |
| Full power MPP range | 150 ... 480 V |
| Nominal current | 6.2 A @ 360 V |
| Max. current | 15 A |

| OUTPUT (AC) | |
|---------------------------------|--------------------------------|
| Nominal apparent power | 2000 VA ^{1), 2), 3)} |
| Voltage range | 184 ... 264 V ⁴⁾ |
| Nominal current | 8.7 A |
| Nominal frequency | 50 Hz |
| Frequency range | 45 ... 65 Hz ⁴⁾ |
| Power factor adjustable | 0.8 cap ... 0.8 ind |
| Total harmonic distortion (THD) | < 3 % @ nominal apparent power |

GENERAL SPECIFICATION

| | |
|-----------------------------|--------------------------|
| Model name | SOLIVIA 2.0 EU G4 TR |
| Part number Delta | EOE45010459 |
| Max. efficiency | 95.8 % |
| Efficiency EU | 93.1 % |
| Operating temperature | -25 ... +70 °C |
| Full power without derating | -25 ... +55 °C |
| Storage temperature | -25 ... +80 °C |
| Humidity | 0 ... 95 % |
| Max. operating altitude | 2000 m (above sea level) |

MECHANICAL DESIGN

| | |
|--------------------------|------------------------------|
| Size (L x W x D) | 418 x 410 x 182 mm |
| Weight | 21.5 kg |
| Cooling | Convection |
| AC connector | Wieland RST25i3S |
| DC connector | 1 pair of Multi-Contact MC4 |
| Communication interfaces | 2 x RJ45 / RS485 + 1 x USB A |
| DC disconnecter | Integrated |
| Display | 3 LEDs, 4-line LCD |

| SAFETY / STANDARDS | SOLIVIA 2.0 EU G4 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 | VDE 0126-1-1/A1; UTE C15-712-1; Synergrid C10/11 (06/2012); G83/1-2; G59/1-2; VDE-AR-N 4105; VFR 2013; VFR 2014 ⁵⁾ |
| EMC | EN61000-6-2; EN61000-6-3; EN61000-3-2; EN61000-3-3 |
| Safety | IEC62109-1 / -2; EC conformity |

- 1) Cos Phi = 1 (VA = W)
- 2) Continuous nominal active power in the range of Cos Phi = 0.9 cap ... 0.9 ind
- 3) The AC power can be limited at the inverter during commissioning to meet country-specific regulations regarding the maximum permissible grid load.
- 4) AC voltage and frequency range will be programmed according to the individual country requirements.
- 5) Please check our website at www.solar-inverter.com for the latest country grid list.

United Kingdom

Email: sales.uk@solar-inverter.com

Tel: 0800 051 4280 (Free Call)

International

Email: sales.europe@solar-inverter.com

Tel: +49 7641 455 547

