EU

SOLIVIA 3.0

Version: EU, Language: en

3000 Watt Solar Inverter

SOLIVIA - The new generation of solar inverters from Delta offer high-efficiency string and central inverters. SOLIVIA stands for *Solar inverters for versatile and intelligent applications.*

One model for all countries

One unit can be used in more than eight European countries (e.g. DE, FR, ES, IT, PT, GR, CZ, BE, UK) simply by the click of a button! The multi-country models will help our customers to save costs in warehousing and logistics.

Efficiency & temperature improvements

The brand new SOLIVIA 3.0 has a maximum efficiency of 96.0 %. Compared to transformer-based inverters from our competitors, the SOLIVIA inverters deliver maximum efficiency over a much wider power range. Full power up to 57 °C ensures maximum yield for our customers in warmer climates.

INPUT (DC)	
Max. recommended PV power	3700 W_P
Nominal power	3333 W
Voltage range	125 ... 540 V
MPP range	150 ... 450 V
Full power MPP range	150 ... 450 V
Nominal current	12.0 A
Max. current	21.7 A
Stand-by power	< 0.2 W

GENERAL SPECIFICATION	
Model name	SOLIVIA 3.0 EU G3
Part number Delta	EOE46010266
Max. efficiency	96.0 %
Efficiency EU	94.4 %
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
Weight	21.5 kg
Cooling	Convection
AC connector	Wieland RST25i3S
DC connector	3 pairs Tyco Solarlok
Communication	2 Harting RJ45 / RS485
Display	3 LEDs, LCD
DC disconnector	Integrated

OUTPUT (AC)	
Max. power *	3130 W
Nominal power	3000 W
Voltage range **	184 ... 264 V
Nominal current	13.0 A
Max. current	16.0 A
Nominal frequency	50 Hz
Frequency range **	47.0 ... 52.0 Hz
Power factor	> 0.99 @ nominal power
Total harmonic distortion (THD)	< 3 % @ nominal power

STANDARDS / DIRECTIVES	
Protection degree	IP65
Safety class	1
Configurable trip parameters	Yes
Insulation monitoring	Yes
Overload behavior	Current limitation; power limitation
Safety	EN60950-1; EN50178; IEC62103; IEC62109-1 / -2
Anti-islanding protection	DIN VDE 0126-1-1; RD 1663; RD 661; ENEL G.L. 2010; UTE 15712-1; Synergrid C10/11; EN 50438; G83/1-1
EMC	EN61000-6-2; EN61000-6-3; EN61000-3-2; EN61000-3-3

* The maximum AC power value indicates the power an inverter might be able to deliver. However, such a maximum AC power may not necessarily be achieved.
** AC voltage and frequency range will be programmed according to the individual country requirements

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