

# SOLiViA 2.5



# 2500 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) 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 2.5 has a maximum efficiency of 96%. 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.



## Simple handling

The SOLIVIA 2.5 inverters have an integrated DC disconnecter that saves our customers installation costs and the cost of an external DC disconnecter.



## State-of-the-art display

We improved the usability of our inverters with a new display that is brighter, offers a wider viewing angle and consumes less power. The display messages can be shown in a choice of 5 different languages (DE, EN, ES, FR, IT).

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	10.0 A
Max. current	18.0 A
Stand-by power	< 0.2 W

OUTPUT (AC)	
Max. power	2600 W
Nominal power	2500 W
Voltage range	184 ... 264 V *
Nominal current	11.0 A
Max. current	13.0 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

GENERAL SPECIFICATION	
Model name	SOLIVIA 2.5 EU G3
Max. efficiency	96.0 %
Efficiency EU	94.4 %
Operating temperature	-25 ... +70 °C
Storage temperature	-25 ... +80 °C
Humidity	0 ... 98 %

STANDARDS	
Protection degree	IP65
Safety class	1
Configurable trip parameters	Yes
Insulation monitoring	Yes
Anti-islanding protection	VDE 0126-1-1; RD 1663; ENEL G.L. 12/2008; EN 50438

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
DC disconnecter	Integrated
Display	LCD; 3 LEDs

DIRECTIVES	
EMC	EN61000-6-2; EN61000-6-3; EN61000-3-11; EN61000-3-12
Safety	EN60950-1; EN50178; IEC62103; IEC62109-1 / -2

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

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