

SOLiVi4 3.0



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) simply by the click of a button! The multi-country models will help Delta and our customers to save costs in production, warehousing and logistics.



Efficiency & temperature improvements

The brand new SOLIVIA 3.0 has a maximum efficiency of 96%. Compared to the transformer-based inverters from our competitors, the SOLIVIA inverters deliver the maximum efficiency over a much wider power range. Full power up to 57°C ensures maximum yield for our customers in the southern European countries.



Simple handling

The SOLIVIA 3.0 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 user interface offers a choice of 5 different languages (DE, EN, ES, FR, IT).

INPUT (DC)	
Max. recommended PV power	3700 W
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	
Max. efficiency	96.0 %
Efficiency EU	94.7 %
Operating temperature	-25 ... +70 °C
Storage temperature	-25 ... +80 °C
Humidity	0 ... 98 %

MECHANICAL DESIGN	
Size	L 410 x W 410 x D 180 mm
Weight	21.5 kg
Cooling	Convection
AC connector	Wieland RST25i3S
DC connector	3 pairs Tyco Solarlok
CI	2 Harting RJ45 / RS485
Display	3 LEDs, LCD
DC disconnecter	Integrated

OUTPUT (AC)	
Nominal power	3000 W
Max. power	3130 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

STANDARDS	
Protection degree	IP65
Safety class	1
Configurable trip parameters	Yes
Insulation monitoring	Yes
Anti-islanding protection	VDE 0126-1-1; RD 1663; DK 5940 Ed. 2.2; EN 50438

DIRECTIVES	
EMC	EN61000-6-2
	EN61000-6-3
	EN61000-3-2
	EN61000-3-3
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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