

Together we can
make a difference.™



Origin1610 1.6kW Solar System Inverter Specifications

Your Origin1610 system will be supplied with the following inverter:

- 1 x Delta Solivia 2.5

Please note the inverter supplied with your solar system is AS4777 accredited.

Please see the following specification sheet for further details and inverter specifications.



SOLIVIA 2.5 TR

High efficiency solar inverters for the Australian 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 %
- Full output power up to 55 °C
- 10 years standard guarantee

2500 Watt solar inverters

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

Email: service.australia@solar-inverter.com

Tel: +61 3 9543 3720

