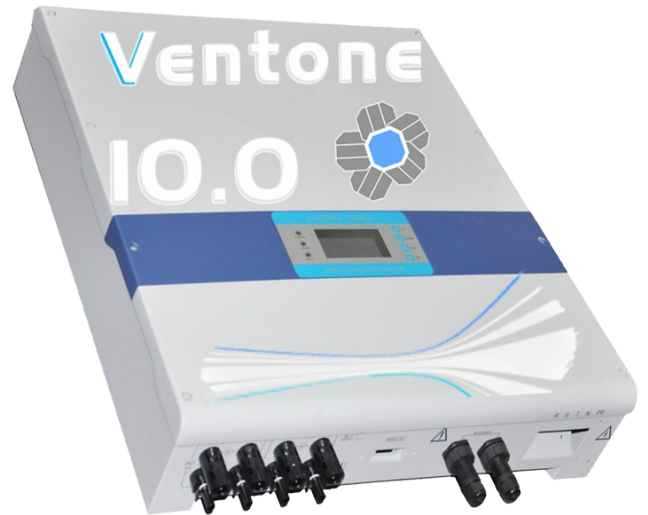


Inverter Ventone are the optimal solution for the grid connection of small industrial photovoltaic systems.

Thanks to their versatility, they can be used with all types of photovoltaic modules available on the market.

Ventone inverters' family is transformerless and it is designed for outdoor installations.

The presence of two MPPT maximizes the performance of all photovoltaic systems.



CE **IN COMPLIANCE WITH
THE ENEL DIRECTIVE**

Overall Specifications

- 2 MPPT high speed channels
- Three-phase inverter
- Fan cooling technology
- Maximum efficiency 98,2%
- Euro efficiency 97,6%
- Total Harmonic Distortion (THD) < 3%
- Multi-languages display
- Transformerless
- Accessibility of data via RS485 o RS232 interface
- Size: 470x165x585 mm
- Protection degree to intrusions IP 65
- Easy to install
- 5 years warranty

DC INPUT

10.0 KW

12.0 KW

Maximum power	11200 W	13300 W
Maximum voltage	900 Vdc	
MPPT operating range	200 - 800 Vdc	
Voltage at inverter's startup	300 Vdc	
Number of parallel inputs	4	
Number of MPPT trackers	2	
Maximum input current	36 A (18 A for tracker)	48 A (24 A for tracker)

AC OUTPUT

Rated power	10000 W	12000 W
Maximum power	10000 W	12000 W
Rated current	14,5 A for phase	17,4 A for phase
Maximum current	16 A for phase	19 A for phase
Rated voltage	400 Vac	
Voltage range*	330 - 480 Vac	
Rated line frequency	50 Hz	
Range of frequency network*	50 ± 5 Hz	
Power factor	0,9 (input) - 0,9 (output)	
Total Harmonic Distortion (THD)	< 3% (at rated power output)	

* These values depend on local standards.

EFFICIENCY

Maximum efficiency	98,2 %	98,3 %
Euro efficiency	97,6 %	
MPPT efficiency	99,6 %	

GENERAL INFORMATIONS

Size and weight	470X165x585 mm 35 Kg
Environmental operating temperature	- 25°C / + 60°C
Acoustic noise	≤ 25 dB(A)
Power consumption by night	0 W
Electrical insulation	Transformerless
Cooling technology	Fan cooling (IP54 fan)
Protection degree to intrusions	IP65
Communication ports	RS485 / RS232