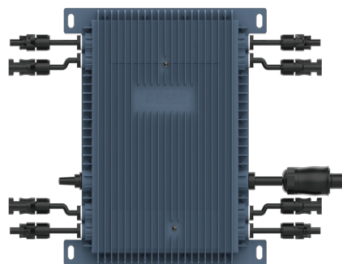


Micro-inverter 1600W



1600W-VN4T16

EWAY VN4T16 is a high-efficiency micro-inverter that can be connected to four solar panels.

They are usually installed on the roof, under the panels. The portable micro-inverter is only 3.75kg and is easy to install. It can also be combined with other EWAY micro-inverters, for optimal flexibility of your PV installation.

Highlights:

- DC input 16A, AC output 1600W
- Individual optimization, separate dedicated MPPT for each panel.
- New topology design with EU efficiency up to 95.3%.
- Suitable for EWAY-ES series AC module solution.
- Plug and Play installation, Easy to install.
- Max. DC voltage 60V. No threat for high DC voltage.
- Integrated LoM protection function. Ensure the safety of power grid.
- Die casting design and glue filling technology. Better heat dissipation.
- Guaranteed quality with standard 12 years warranty.

Input Date (DC)

Recommended Module Power [W]	300 ~ 550+
Start up Voltage per Input [V]	18
Mppt Voltage Range per Input [V]	16 ~ 60
Max. Input Voltage per Input [V]	60
Max. Input Current per Input [A]	14
Max. Input Short-circuit Current per Input [A]	20
Quantity of Mppt	4

Output Date (AC)

Max. Continuous Output Power [VA]	1600
Nominal Continuous Output Power [W]	1600
Nominal Output Current [A]	7
Max. Output Current [A]	10.5
Nominal Output Voltage [V]	220/230/240, L/N/PE
Nominal Frequency [Hz]	50/60
Power Factor	>0.99 default, 0.8 leading ... 0.8 lagging
Output Current Harmonic Distortion	<3%
Max. Units Per Branch	2

Efficiency

CEC Weighted Efficiency	95.50%
EU Efficiency	95.30%
Mppt	99.90%
Night Time Power Consumption [mW]	<50

Mechanical Date

Dimensions (W*H*D mm)	342*223*30
Weight [kg]	3.2