

# V-TAC

Meaningful Innovation.

# 10kW

# Three Phase On-Grid Solar Inverter

**05** YEAR  
WARRANTY



Zero export function  
(Optional)



External  
Inductor



Aluminum  
Enclosure



IP65  
Rating



V-TAC.EU



VTACEXPORTS.COM



CE RoHS

## LISTING DETAILS

Model No: **VT-6610305**

SKU Code: **11373**

EAN Code: **3800157689311**

## MASTER BOX PACKAGING

Qty Per Pallet: **12 pcs**

Net Weight : **23kg**

Product Size : **360 x 575 x 150 mm**

## INPUT (DC)

Max. Input Power **11kW**

Max. Input Voltage **1000V**

Start Voltage / Min. Operating Voltage **220V / 180V**

MPPT Voltage Range **180V ~ 800V**

MPPT Rated Voltage **610V**

Number of MPP Trackers / String per MPPT **2 / 1**

Max. Current per MPPT **12.5A**

## GENERAL DATA

Operating Temperature Range **-25°C ~ +60°C (derating above 45°C)**

Cooling Method **Smart Cooling**

Protection Degree **IP65**

Noise **<50dB**

Highest Altitude **3000m (derating above 2000m)**

Relative Humidity **0~100%**

Topology **Transformerless**

Night Power Consumption **<0.5W**

Warranty **5 years**

## COMMUNICATION

Display **LCD**

System Language **English / Chinese / German / Dutch / Polish**

Communication **Standard: RS485  
Optional: WiFi / GPRS / Ethernet**

## EFFICIENCY

Max. Efficiency **98.30%**

European Efficiency **97.80%**

MPPT Efficiency **99.90%**

## OUTPUT (AC)

Max. Output Current **16A**

Rated AC Power **10kW**

Max. Output Power **11KVA**

Rated Grid Frequency **50Hz / 60Hz**

Rated Grid Voltage **230V / 400V, 3L+N+PE / 3L+PE**

Power Factor **-0.8~+0.8(adjustable)**

THDi **<3% (at rated power)**

## PROTECTION

Protection **DC breaker, AC short-circuit protection, Over current protection, Over voltage protection, Insulation impedance protection, RCD, Surge protection, Anti-islanding protection, Over temperature protection, Groundfault monitoring, etc.**

## STANDARD COMPLIANCE

Grid Connection Standards **IEC 61727:2004, IEC62116:2014, IEC 60068-2-1:2007, IEC 60068-2-2:2007, IEC 60068-2-14:2009, IEC 60068-2-30:2005, IEC 61683:1999, DIN VDE 0126-1-1:2013, DIN VDE V 0124-100:2020, VDE-AR-N 4105:2018, G98:2019, C10/11:2019, AS/NZS 4777.2:2020, NB/T 32004-2018, PEA, ZVR, etc.**

Safety / EMC **IEC/EN 62109-1:2010, IEC/EN 62109-2:2011, EN 61000-6-2:2019, EN 61000-6-3:2007/A1:2011**