

V-TAC

Meaningful Innovation.

5kW

Single Phase On-Grid Solar Inverter

05 YEAR
WARRANTY



Zero export function
(Optional)



External
Inductor



Aluminum
Enclosure



Natural cooling,
low noise



IP65
Rating

V-TAC.EU



VTACEXPORTS.COM



CE RoHS

LISTING DETAILS

Model No: **VT-6605105**
 SKU Code: **11370**
 EAN Code: **3800157689281**

MASTER BOX PACKAGING

Qty Per Pallet: **12 pcs**
 Net Weight : **18kg**
 Product Size : **360 x 462 x 150 mm**

INPUT (DC)

Max. Input Power **6kW**
 Max. Input Voltage **600V**
 Start Voltage / Min. Operating Voltage **120V / 100V**
 MPPT Voltage Range **120V-550V**
 MPPT Rated Voltage **360V**
 Number of MPP Trackers / String per MPPT **2/1**
 Max. Current per MPPT **15A**

GENERAL DATA

Operating Temperature Range **-25°C ~ +60°C (derating above 45°C)**
 Cooling Method **Natural Cooling**
 Protection Degree **IP65**
 Noise **30dB**
 Highest Altitude **3000m (derating above 2000m)**
 Relative Humidity **0~95%**
 Topology **Transformerless**
 Night Power Consumption **<1W**
 Warranty **5 years (standard)**

COMMUNICATION

Display **LED (optional) / LCD (standard)**
 System Language **English / Chinese / German / Dutch**
 Communication **Standard: RS485**
Optional: WiFi / GPRS / Ethernet

EFFICIENCY

Max. Efficiency **97.80%**
 European Efficiency **96.80%**
 MPPT Efficiency **99.90%**

OUTPUT (AC)

Max. Output Current **24A**
 Rated AC Power **5kW**
 Rated Grid Frequency **50Hz / 60Hz**
 Rated Grid Voltage **230V, L+N+PE**
 Power Factor **≥ 0.99 (at rated power)**
 THDi **< 3% (at rated power)**

PROTECTION

Protection **DC switch, AC short-circuit protection, Over current protection, Over voltage protection, Isolation protection, RCD, Surge protection, Anti-islanding protection, Over-temperature protection, Ground fault 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, C10/11:2019, AS/NZS 4777.2:2020, NB/T 32004-2018, PEA, ZVR**

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