V-TAC

Meaningful Innovation.

5kW

Three Phase On-Grid Solar Inverter

05 YEAR WARRANTY



- Zero export function (Optional)
- External Inductor
- Aluminum Enclosure
- IP65 Rating

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TÜV NORD CE RoHS

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LISTING DETAILS

Model No:	**VT-6605305**
SKU Code:	**11371**
EAN Code:	**3800157689298**

MASTER BOX PACKAGING

Qty Per Pallet:	**16 pcs**
Net Weight :	**20kg**
Product Size :	**360 x 530 x 150 mm**

INPUT (DC)

Max. Input Power	**5.7kW**
Max. Input Voltage	**900V**
Start Voltage / Min. Operating Voltage	**220V / 150V**
MPPT Voltage Range	**180V ~ 800V**
MPPT Rated Voltage	**580V**
Number of MPP Trackers / String per MPPT	**2 / 1**
Max. Current per MPPT	**12A**

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	**0~100%**
Topology	**Transformerless**
Night Power Consumption	**<0.5W**
Warranty	**5 years (standard)**

COMMUNICATION

Display	**LCD**
System Language	**English / Chinese / German / Dutch / Polish**
Communication	**Standard: RS485** **Optional: WiFi / GPRS / Ethernet**

EFFICIENCY

Max. Efficiency	**98.10%**
European Efficiency	**97.60%**
MPPT Efficiency	**99.90%**

OUTPUT (AC)

Max. Output Current	**8A**
Rated AC Power	**5kW**
Max. Output Power	**5.5kVA**
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, Insulationimpedance protection, RCD, Surge protection, Anti-islanding protection, Over temperature protection, Groundfaultmonitoring, 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, 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**