

V-TAC

Meaningful Innovation.

5kW

Single Phase On-Grid Solar Inverter

10 YEAR WARRANTY



Zero export function
(Optional)



External
Inductor



Aluminum
Enclosure



Natural cooling,
low noise



IP65
Rating



V-TAC.EU

| LED-EUROPE.PL



CE RoHS

LISTING DETAILS

Model No:	VT-6605110
SKU Code:	11380
EAN Code:	3800157689380

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	10 years (standard)

COMMUNICATION

Display	LED (optional) / LCD (standard)	Max. Efficiency	97.80%
System Language	English / Chinese / German / Dutch	European Efficiency	96.80%
Communication	Standard: RS485 Optional: WiFi / GPRS / Ethernet	MPPT Efficiency	99.90%

EFFICIENCY

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