

V-TAC

Meaningful Innovation.

10kW

Three Phase On-Grid Solar Inverter

10 YEAR WARRANTY



Multi MPP trackers



160% DC Input
oversizing



Smart I-V curve
diagnosis supported



DC&AC type II SPD



Intelligent fault
detection



AFCI function
(Optional)



IP66
rating



V-TAC.EU



VTACEXPORTS.COM



CE RoHS

LISTING DETAILS

Model No:	VT-6610310	Qty Per Pallet:	12 pcs
SKU Code:	11383	Net Weight :	13.5kg
EAN Code:	3800157689410	Product Size :	430 x 380 x 150 mm

INPUT (DC)

Max. Input Power	16kW
Max. Input Voltage	1100V
Start Voltage	160V
Rated Input Voltage	600V
Full-load MPP Voltage Range	450V ~ 850V
MPPT Voltage Range	140V ~ 1000V
Number of MPP Trackers / String per MPPT	2 / 1
Max. Current per MPPT	13A
Max. Short Circuit Current per MPPT	16A

GENERAL DATA

Operating Temperature Range	-25° C ~ +60° C
Cooling Method	Natural
Protection Degree	IP66
Max. Operating Altitude	4000m
Relative Humidity	0 ~ 100%
Topology	Transformerless
Night Power Consumption	<1W
Warranty	10 years

MASTER BOX PACKAGING

COMMUNICATION

Display	LED / LCD (Optional)	Max. Efficiency	98.70%
Communication	Standard : RS485 / USB Optional: WiFi / GPRS / Ethernet	European Efficiency	98.50%
		MPPT Efficiency	99.90%

OUTPUT (AC)

Max. Output Current	15.9A	DC reverse polarity protection	Yes
Rated Output Power	10kW	Anti-islanding protection	Yes
Max. Output Power	11kVA	AC short circuit protection	Yes
Rated Grid Frequency	50Hz / 60Hz	Residual current monitoring unit	Yes
Rated Grid Voltage	230Vac / 400Vac, 3L / N / PE	Insulation resistance monitoring	Yes
Power Factor	>0.99 (0.8 leading~0.8 lagging)	Ground fault monitoring	Yes
THDi	<3% (Rated Power)	Grid monitoring	Yes
		Surge protection	Type II
		AFCI protection	Optional

EFFICIENCY

PROTECTION

STANDARD COMPLIANCE

Grid Connection Standards	IEC 61727, IEC 62116, IEC 60068, IEC 61683, VDE-AR-N 4110:2018, VDE-AR-N 4105:2018, VDE-AR-N 4120:2018, EN 50549, AS/NZS 4777.2:2015, CEI 0-21, VDE 0126-1-1/A1 VFR 2014, UTE C15-712-1:2013, DEWA DRRG, NRS 097-2-1, MEA/PEA, C10/11, G98/G99
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Safety / EMC	IEC 62109-1:2010, IEC 62109-2:2011, EN 61000-6-2:2005, EN 61000-6-3:2007/A1:2011
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Wifi Dongle	Compatible Wifi Dongle SKU 11528 - WIFI DONGLE LSW-5 NOT INCLUDED WITH INVERTER (ORDERED SEPARATELY)
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