

V-TAC

Meaningful Innovation.

3.6kW

Single Phase On-Grid Solar Inverter

05 YEAR
WARRANTY



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CE RoHS

LISTING DETAILS

Model No:	VT-6607036
SKU Code:	11726
EAN Code:	3800170202702

PV INPUT

Max. DC Power (W)	5400
Max. DC Voltage (V)	600
MPPT Voltage Range (V)	70-550
MPPT Full Power Voltage Range (V)	130-550
Rated Input Voltage (V)	360
Start-up Voltage (V)	70
Max. Input Current (A)	14 x 2
Max. Short Current (A)	18 x 2
No. of MPP Tracker / No. of PV String	2/2
Input Connector Type	MC4

CERTIFICATIONS AND STANDARDS

EMC Standard	EN/IEC 61000-6-2, EN/IEC 61000-6-3, EN61000-3-2, EN61000-3-3, EN61000-3-11, EN61000-3-12
Safety Standard	IEC 60068, UL1741, EN62109
Grid-connection	"IEEE1547, CSA C22, EN50549, VDE4105, VDE0126, RD1699, ABNT NBR16149 & 16150, AS4777.2, NB/T32004, G98/G99, IEC61727"

EFFICIENCY

Max. Efficiency	98.20%
Euro Efficiency	97.82%

AC LOAD OUTPUT

Max. Output Power (W)	3960
Nominal Output Power (W)	3600
Max. Output Current (A)	17.5
Nominal Output Voltage (V)	L/N/PE, 220Vac, 230Vac, 240Vac
Grid Voltage Range	180Vac-276Vac (According to local standard)
Nominal Output Frequency (Hz)	50/60
Grid Frequency Range	45-55Hz/54-66Hz (According to local standard)
Output Power Factor	1 default (adjustable from 0.8 leading to 0.8 lagging)
Output Current THD	<3%

GENERAL DATA

Dimensions (H x W x D, mm)	358 x 360 x 142
Weight (kg)	10KG
Protection Degree	IP65
Enclosure Material	Aluminum
Ambient Temperature Range (°c)	-25~+60
Humidity Range	0-100%
Topology	Transformerless
Communication Interface	RS485 / WiFi / Wire Ethernet / GPRS (optional)
Cooling Concept	Convection
Noise Emission (db)	<28
Night Power Consumption (W)	<1
Max. Operation Altitude (m)	4000

PROTECTION

PV Reverse Polarity Protection	YES
PV Insulation Resistance Detection	YES
AC Short Circuit Protection	YES
AC Over Current Protection	YES
AC Over Voltage Protection	YES
Anti-Islanding Protection	YES
Residual Current Detection	YES
Over Temperature Protection	YES
Integrated DC switch	YES
Surge Protection	Integrated (Type III)
Smart IV Curve Scanning	YES
Quick Arc Fault Circuit Interruption	Optional