

# V-TAC

Meaningful Innovation.

## 5kW

## All in One Hybrid Inverter + Battery

**03** YEAR  
WARRANTY



High DC/AC  
ratio



Battery capacity  
from 2.4 to 14.4kW.h



User friendly  
HMI



Easy to install



Support  
battery  
customization



V-TAC.EU



LED-EUROPE.PL



CE RoHS

## LISTING DETAILS

Model No: **VT-6605103**

SKU Code: **11376**

EAN Code: **3800157689342**

## MASTER BOX PACKAGING

Net Weight : **70kg**

Product Size : **580 x 1800 x 350 mm**

## COMMUNICATION

Display **LCD**

Communication **Standard: RS485 / CAN / DRM Optional: WiFi / Lan**

## INPUT (PV)

Max. PV Input Power **7kW**

Max. PV Input Voltage **550V**

MPP Voltage Range **125V ~ 500V**

Max. PV Input Current **14A**

Number of MPP Trackers **2**

String per MPPT **1**

## OUTPUT (AC)

Max. Output Current **21.7A**

Rated Power **5kW**

Rated Voltage **230V, L + N + PE**

Operating Voltage Range **180V ~ 270V**

Rated Frequency **50Hz / 60Hz**

Power Factor **1(0.99 lagging ~ 0.99 leading)**

## OUTPUT (EPS)

Rated Power **5kVA**

Rated Voltage **230Vac**

Rated Current **21.7A**

Rated Frequency **50Hz / 60Hz**

Overload Capability **110%, 60s / 120%, 30s / 150%, 10s**

THDU **<2%**

## GENERAL DATA

Operation Temperature **-10°C ~ +60°C**

Cooling Method **Forced Air Cooling**

Protection Degree **IP20**

Noise Emission **< 50dB**

Max. Operating Altitude **5000m (derating above 2000m)**

Relative Humidity **15% ~ 85% (non-condensing)**

Topology **Transformerless**

## BATTERY

Charge / Discharge Current **95A / 110A**

Battery Type **Lithium Iron Phosphate**

Battery Module **Customizable**

Battery Capacity **2.4kWh ~ 14.4kWh**

Max. Parallel Batteries **6**

Life Span **>10 years (25°C/77F)**

## EFFICIENCY

Max. DC Efficiency **97.6%**

MPPT Efficiency **99.9%**