

V-TAC

Meaningful Innovation.

5kW

Single Phase Hybrid Solar Inverter

05 YEAR
WARRANTY



Lead-acid/ lithium
Battery



Smart energy
management



Battery reverse
protection



Zero export
function
(Integrated)



IP66
rating



V-TAC.EU

| VTACEXPORTS.COM



CE RoHS

LISTING DETAILS

Model No: **VT-6607103**
 SKU Code: **11509**
 EAN Code: **3800157693325**

MASTER BOX PACKAGING

Qty Per Pallet: **6 pcs**
 Net Weight : **25kg**
 Product Size : **550 x 515 x 200 mm**

COMMUNICATION

Display: **LCD**
 Communication: **Standard: RS485 / CAN / DRM Optional: WIFI / 4G**

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: **5kVA**
 Rated Voltage: **230V, L + N + PE**
 Operating Voltage Range: **176V ~ 270V**
 Frequency: **50Hz / 60Hz**
 Power Factor: **0.8 lagging~0.8 leading**
 THDi: **<3%**

OUTPUT (EPS)

Rated Power: **5kVA**
 Rated Voltage: **230Vac**
 Rated Current: **21.7A**
 Rated Frequency: **50Hz / 60Hz**
 Automatic Switching Time: **<20ms**
 Overload Capability: **110%, 30s / 120%, 10s / 150%, 0.02s**
 THDu: **<2%**

GENERAL DATA







Operation Temperature: **-25°C~ +60°C**
 Cooling Method: **Natural Cooling**
 Protection Degree: **IP65**
 Noise Emission: **<35dB**
 Max. Operating Altitude: **2000m**
 Relative Humidity: **0 ~ 95% (non-condensing)**
 Topology: **Transformerless**
 Standby Power Consumption: **<3W**

BATTERY

Battery Voltage Range: **40V ~ 58V**
 Max. Charging Voltage: **58V**
 Charge / Discharge Current: **95A / 104.2A**
 Battery Type: **Lithium / Lead-acid**
 Communication: **RS485, CAN**

EFFICIENCY

Max. DC Efficiency: **97.60%**
 European Efficiency: **97.00%**
 MPPT Efficiency: **99.90%**
 Battery Charge / Discharge Efficiency: **95.00%**

-  Supports automatic battery switching
-  Support diesel generator input source
-  Compatible with lead-acid and lithium-ion batteries
-  Parallel available, intelligent BMS management
-  Input power source priority can be set by users
-  Battery reverse connection protection, anti-power control function

