



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



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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%**