

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:	11508
EAN Code:	3800157693318

MASTER BOX PACKAGING

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

