

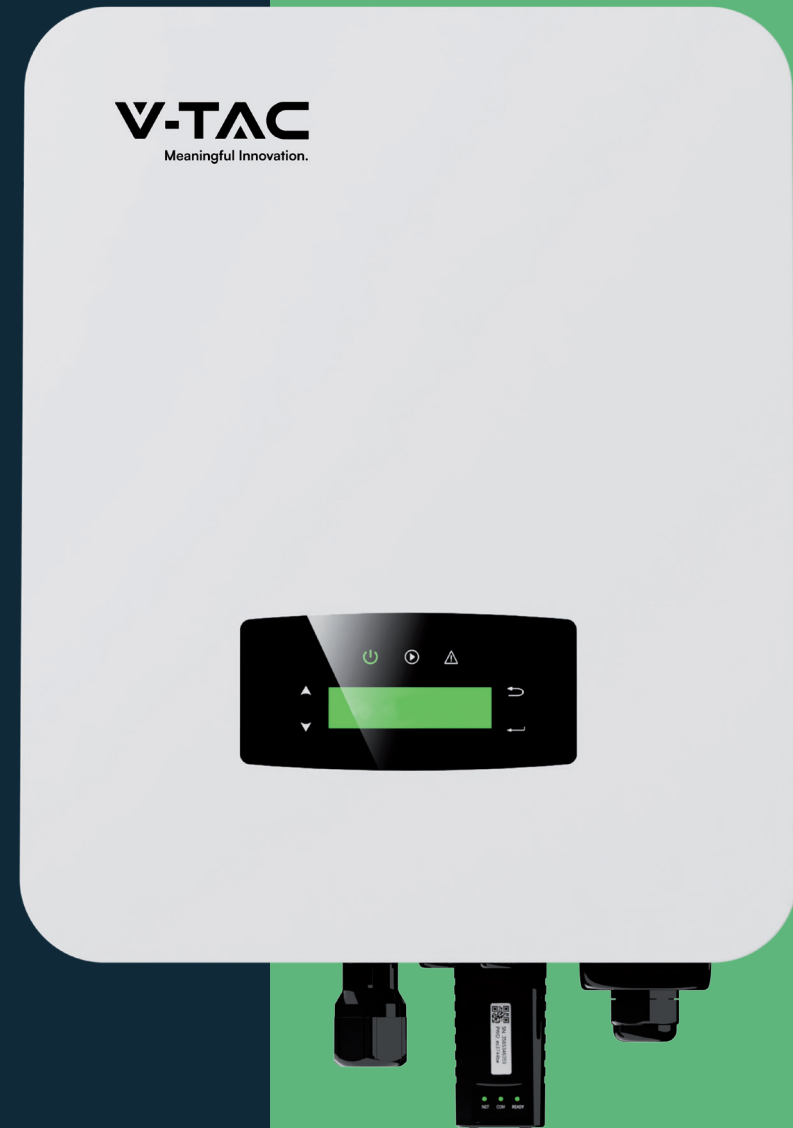
V-TAC

Meaningful Innovation.

3.6kW

Single Phase Hybrid Solar Inverter

05 YEAR
WARRANTY



V-TAC.EU

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VTACEXPORTS.COM

CE

RoHS

LISTING DETAILS

Model No:	VT-6607136
SKU Code:	11576
EAN Code:	3800157699297

PV INPUT

Max. Input Power(kW)	5.4
Max. PV Voltage(V)	550
MPPT Range(V)	80-500
full MPPT Range(V)	210-500
Normal Voltage(V)	360
Startup Voltage(V)	100
Max. Input Current(A)	18.5*1
Max. Short Current(A)	26*1
No. of MPP Tracker / No. of PV String	1.0/1.0

BATTERY PORT

Battery Type	Li-ion / Lead-acid etc.
Battery Voltage Range(V)	40-60
Battery Normal Voltage(V)	51.2
Max. Charge/Discharge Current(A)	80
Max. Charge/Discharge Power(kW)	3.6

ENA Type Test : <https://www.ena-eng.org/gen-ttr/Index?Action=ViewDetail&EID=97205085&tab=search>
 ENA Device Reference : V-TAC/08844/V1/A2

EFFICIENCY

CEC Efficiency(%)	97
Max. Efficiency(%)	97.6
PV to Bat. Efficiency(%)	98.1
Bat. between AC Efficiency(%)	96.8

AC LOAD OUTPUT

Nominal AC Voltage L-N(V)	220 / 230
Nominal AC Frequency(Hz)	50 / 60
Nominal AC Current(A)	16.4/15.7
Max Continuous Current(A)	17.0
Max Continuous Power(kVA)	3.6
Max Peak Current(A)(10min)	24.6/23.5
Max Peak Power(kVA)(10min)	5.4
Switching Time(s)	Seamless
Voltage THD(%)	< 3

AC GRID

Nominal Grid Voltage(V)	220 / 230
Nominal Grid Frequency(Hz)	50 / 60
Nominal Grid Current(A)	16.4/15.7
Max Continuous Current(A)	17.0
Max Continuous Power(kVA)	3.6
Current THD(%)	< 3
Power Factor	0.999 (Adjustable from 0.8 overexcited to 0.8 underexcited)

GENERAL DATA

Dimensions (L x W x H, mm)	513 x 370 x 192
Weight (kg)	17
Topology	Transformerless
Cooling	Intelligent Fan
Relatively Humidity	0 - 100 %
Operating Temperature Range (°C)	- 25 to 60
Operating Altitude (m)	< 4000
Noise Emission (dB)	< 25
Standby Consumption (W)	< 10
Mounting	Wall Bracket
Communication with RSD	SUNSPEC
Display & Communication Interfaces	LCD, LED, RS485, CAN, Wi-Fi, GPRS, 4G

Certification & Approvals	NRS97, G98/G99, EN50549-1, C10/C11, AS 4777, VDE-AR-N4105,VDE0126, IEC62040, IEC62109-1, IEC62109-2
EMC	EN61000-6-2, EN61000-6-3

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PROTECTION

PV Reverse Polarity Protection	Yes
Over Current/Voltage Protection	Yes
Anti-Islanding Protection	Yes
AC Short Circuit Protection	Yes
Residual Current Detection	Yes
Ground Fault Monitoring	Yes
Insulation Resister Detection	Yes
PV Arc Detection	Yes
Enclosure Protect Level	IP65 / NEMA4X