



 SOLAR ENERGY

Three Phase On Grid/ Off Grid Solar Inverter



3 YEAR
WARRANTY

8KW

VT-6608303 SKU: 11375



Lead-acid/
Lithium
Battery



Battery Reverse
Protection



IP65



Wide input
voltage range



Natural Cooling,
Low noise



Zero Export
Function
(integrated)



Charge/discharge
Protection



Smart Energy
Management

V-TAC[®]
INNOVATIVE LED LIGHTING



SOLD IN OVER
70 COUNTRIES

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ONE BRAND, ENDLESS SOLUTIONS.



SOLAR ENERGY

| | MODEL | VT-6608303 |
|---------------------|--|---|
| Input (PV) | Max. PV Input Power | 10.4kW |
| | Max. PV Input Voltage | 1000V |
| | Max. Current per MPPT | 12A |
| | MPP Voltage Range | 180V ~ 850V |
| | Number of MPP Trackers / String per MPPT | 2 / 1 |
| Output (AC) | Max. Output Current | 12.7A |
| | Rated Output Power | 8.8kVA |
| | Rated Voltage | 400V, 3W + N + PE |
| | Frequency | 50Hz / 60Hz |
| | Power Factor | 0.8 lagging-0.8 leading |
| | THDi | <3% |
| Output (EPS) | Max. Output Power | 8.8kVA |
| | Rated Voltage | 400Vac |
| | Rated Current | 12.7A |
| | Overload Capacity | 110%, 30S / 120%, 10S / 150%, 0.02S |
| | Rated Frequency | 50Hz / 60Hz |
| | Automatic Swiech Time | <20ms |
| | THDu | <2% |
| Battery | Battery Voltage Range | 125V ~ 600V |
| | Max. Charging Voltage | 600V |
| | Full Battery Voltage | 160V |
| | Max. Charge / Discharge Current | 40A |
| | Battery Type | Lithium / Lead-acid |
| | Communication | RS485, CAN |
| Efficiency | Max. DC Efficiency | 97.9% |
| | European Efficiency | 97.2% |
| | MPPT Efficiency | 99.5% |
| | Battery Charge / Discharge Efficiency | 96.6% |
| Communication | Display | LCD |
| | Communication | Standard: RS485 / CAN / DRM Optional: WiFi / 4G |
| Standard Compliance | Certificates | CE, TÜV |
| General Data | Dimensions (W x H x D) | 530 x 600 x 200 mm |
| | Weight | 29kg |
| | Operation Temperature | -25° ~ +60° |
| | 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 |

