



SOLAR ENERGY

Three Phase On-Grid Solar Inverter

5KW

VT-6605305 SKU: 11371

8KW

VT-6608305 SKU: 11372

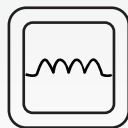
10KW

VT-6610305 SKU: 11373

5 YEAR WARRANTY



Zero Export Function (Optional)



External Inductor



IP65



Product Liability Insurance



Aluminum Enclosure



5+5 Years Warranty



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| | MODEL | VT-6605305 | VT-6608305 | VT-6610305 |
|--------------|---|--|---------------|------------|
| Input (DC) | Max. DC input power (W) | 5700 | 9000 | 11000 |
| | Max. DC input voltage (V) | 900 | 1000 | |
| | "Starting voltage (V) / Min. operation voltage (V)" | 220/180 | 220/150 | |
| | MPPT range (V) | 200-800/580 | 200-800/610 | |
| | "Quantity of MPPT / String per MPPT" | 2/1 | 2/1 | |
| | Max. DC current (A) per MPPT x Quantity of MPPT | 10x2 | 12x2 | 12.5x2 |
| Output (AC) | Rated output power (W) | 5000 | 8000 | 10000 |
| | Max. AC output current (A) | 8 | 12.6 | 14 |
| | Max. output power (W) (PF=1) | 5000 | 8000 | 10000 |
| | Max. apparent power (VA) | 5000 | 8000 | 10000 |
| | Power factor | ≥0.99 (at rated power) | | |
| | THDi | <3% (at rated power) | | |
| | Nominal output voltage (V) / frequency (Hz) | 230/400V;220/380V, 3L+N+PE/3L+PE, 50/60 | | |
| Efficiency | Max. efficiency | 98.1% | 98.3% | 98.3% |
| | Euro-efficiency | 97.6% | 97.8% | 97.8% |
| | MPPT efficiency | 99.9% | | |
| Protection | Protection | DC breaker, AC short-circuit protection, Over current protection, Over voltage protection, Isolation protection, RCD, Surge protection, Anti-island protection, Over-temperature protection, Ground fault monitoring, etc. | | |
| General Data | Display | 2.0 inches LCD display, support backlit display | | |
| | LCD language | English, Chinese, German, Dutch | | |
| | Communication interface | RS485(standard); WiFi, Ethernet (optional) | | |
| | Cooling method | Natural cooling | Smart cooling | |
| | Protection degree | IP65 | | |
| | Night self consumption (W) | <1 | | |
| | Topology | Transformerless | | |
| | Operating temperature range | -25°~+60°(derate after 45°) | | |
| | Relative humidity | 4~100%, condensation | | |
| | Dimension (H x W x D mm) | 530x360x150 | 575x360x150 | |
| | Weight (kg) | 20 | 23 | |
| | Grid qualification | IEC 61727(IEC62116), IEC 60068-2-1:2007, IEC 60068-2-2:2007, IEC 60068-2-14:2009, IEC 60068-2-30:2005, IEC 61683:1999, VDE0126-1-1, VDE-AR-N4105, G59/3, C10/11, AS/NZS 4777.2:2015, NB/T 32004-2013, PEA, ZVR | | |
| | "Safe certificates / EMC certificates" | IEC 62109-1:2010, IEC 62109-2:2011, EN 61000-6-2:2005, EN 61000-6-3:2007/A1:2011 | | |
| | Factory warranty (years) | 5(standard)/10(optional) | | |