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| Rated power alternating current | 25KVA |
| Maximum power alternating current | 25KW ($\cos\phi=1$) |
| INPUT | |
| Maximum direct voltage in an open circuit | 800Vcc |
| MPPT Full Rating Range | 330÷700Vcc |
| Working range | 330÷700Vcc |
| Maximum input current | 80Acc |
| Initial feeding voltage | 390Vcc |
| Ripple voltage | <1% |
| Input number | 1 |
| MPPT number | 1 |
| D.C. connectors | Screw terminals |
| OUTPUT | |
| Operating voltage | 400Vca |
| Operating interval | 340÷460Vca |
| Maximum power interval | 340÷460Vca |
| Frequency interval | 47,5÷51,5Hz |
| Settable frequency interval | 47÷53Hz |
| Nominal current | 36Aca |
| Maximum current | 40,1Aca |
| Fault level contribution | 68Aca |
| Current Harmonic Distorsion (THDi) | <3% |
| Power factor | from 0,9 ind. to 0,9 cap. |
| Galvanic separation | LF trafo |
| A.C. connectors | Screw terminals |
| SYSTEM | |
| Maximum efficiency | 95,8% |
| European efficiency | 94,9% |
| Stand-by consumption | <32W |
| Night consumption | <32W |
| Internal protection | MCCB AC side and Switch DC side |
| Insulation operating protection | Yes |
| Detecting earth leakage | Yes |
| Heat dissipation | Controlled fans |
| Operating temperature | -20°C÷45°C (without derating) |
| Storage temperature | -20°C÷70°C |
| Humidity | 5÷95% non-condensing |
| CHARACTERISTICS | |
| Acoustic noise | <66dBA |
| Protection level | IP20 |
| Colour | RAL 7035 |
| Weight | 350Kg |
| Dimensions | 555x720x1400mm |
| COMMUNICATION | |
| Communication interface | Ethernet, USB, 2xRS232, 2 ingressi per comandi remoti (blocco inverter ed EPO) e 3 relè di segnalazione stato di funzionamento. RS485 opzionale (slot version) |

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| Display | Color LCD touch screen |
| Protocols | ModBUS and ModBUSTCP |
| CERTIFICATES AND APPROVALS | |
| EMC | EN61000-6-3, EN61000-6-2, EN61000-3-11, EN61000-3-12 |
| Safety | EN62109-1, EN62109-2 |
| Directives | Low Voltage Directive: 2006/95/EC, EMC Directive: 2004/108/EC |
| Guide for connection to the power grid | CEI 0-21, CEI 0-16, A70, VDE 0126-1-1, G59/2, Real Decreto 413/2014, PO12.3 |