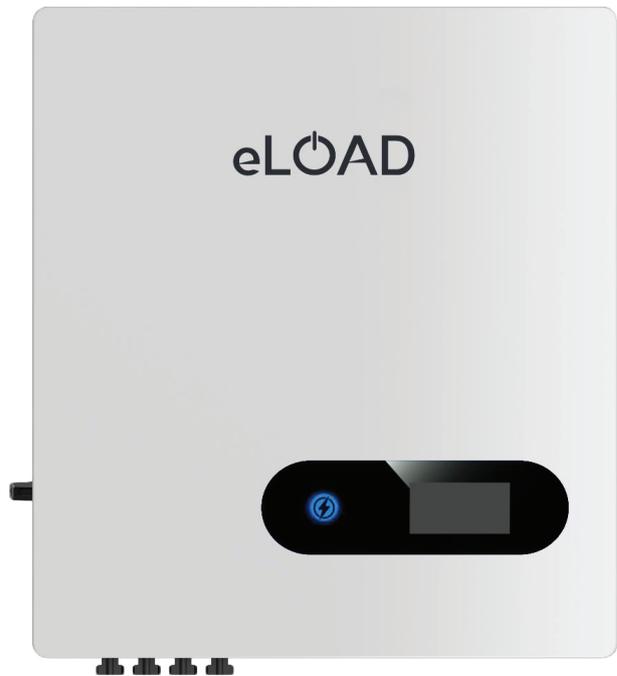


eLOAD

PV INVERTERS THREE PHASE & DUAL MPPT



SUPERIOR EFFICIENCY

- Maximum efficiency 98.2 & 98.4 %
- Max String Current 20A, compatible with 600W+ modules
- 150% PV configuration, 110% output overload



HIGH RELIABILITY

- Die-cast aluminum case, IP66 waterproof and dustproof, C5 anti-corrosion
- DC /AC SPD, AFCI detection
- Compatible with wide power grid voltage and high harmonic power grid environment



INTELLIGENT MAINTENANCE

- App quick commissioning
- Remote configuration and upgrade
- Supports export control



Picture shows a 25kw inverter with fans

| Model | 6kW | 10kW | 15kW | 25kW |
|-----------------------------------|--|----------|-----------|-------------|
| Efficiency | | | | |
| Max. Efficiency | 98.2% | 98.2% | 98.2% | 98.4% |
| European Efficiency | 97.8% | 97.8% | 97.8% | 98.0% |
| Input (PV) | | | | |
| Max. Input Voltage | 1100V | | | |
| Max. PV configuration | 150% | | | |
| Rated Input Voltage | 620V | | | |
| Max. Input Current | 2*15A | | 2*15A+15A | 2*30A |
| Max.Short Circuit Current | 2*20A | | 2*20A+20A | 2*30A |
| Start Input Voltage | 180V | | | |
| MPPT Operating Voltage Range | 160V-1000V | | | |
| Max. Number of PV Strings | 2 (1/1) | | 3 (2/1) | 4 (2/2) |
| No. of MPPTs | 2 | | | |
| Output (Grid) | | | | |
| Rated AC Active Power | 6,000W | 10,000W | 15,000W | 25,000W |
| Max. AC Apparent Power | 6,600VA | 11,000VA | 16,500VA | 25,000VA |
| Max. AC Active Power (PF=1) | 6,600W | 11,000W | 16,500W | 25,000W |
| Max. AC Output Current | 3*10.1A | 3*16.8A | 3*25.3A | 3*39.8A |
| Rated AC Voltage | 380V / 400V / 415V, 3W+N+PE | | | |
| AC Voltage Range ^① | 260V-510V (adjustable) | | | |
| Rated Grid Frequency | 50Hz / 60Hz | | | |
| Grid Frequency Range ^② | 45Hz-55Hz / 55Hz-65Hz (Adjustable) | | | |
| THDI | <3%@Rated Power | | | |
| DC Current Injection | <0.5%@Rated Current | | | |
| Power Factor | > 0.99 Rated power (Adjustable 0.8 Leading - 0.8Lagging) | | | |
| Protection | | | | |
| DC switch | Support | | | |
| Anti-islanding protection | Support | | | |
| AC overcurrent protection | Support | | | |
| AC short circuit protection | Support | | | |
| DC reverse connection | Support | | | |
| Surge Arrester | AC Type III / DC Type II | | | |
| Insulation detection | Support | | | |
| String current detection | Support | | | |
| Leakage current protection | Support | | | |
| General | | | | |
| Topology | Transformerless | | | |
| IP Rating | IP66 | | | |
| Night Self Consumption | <1W | | | |
| Cooling | Natural cooling | | | Fan cooling |
| Operating Temperature Range | -25 ~ +60°C | | | |
| Relative Humidity Range | 1-100% | | | |
| Max. Operating Altitude | 4000m | | | |
| Noise | <30dB | | | <45dB |
| Dimensions (W*H*D) | 398mm*460mm*190mm | | | |
| Weight | 23Kg | | | |
| HMI & COM | | | | |
| Display | Wireless & APP +LED, LCD | | | |
| Communication | RS485, WiFi (Bluetooth optional) | | | |
| Certification | | | | |
| Safety | IEC62109-1, IEC62109-2 | | | |
| Grid Code | SFS-EN-50549-1:2019 | | | |
| Warranty | 10 Years | | | |

Remarks: ①②The range of output voltage and frequency may vary depending upon different grid codes. Specifications are subject to change without advance notice.