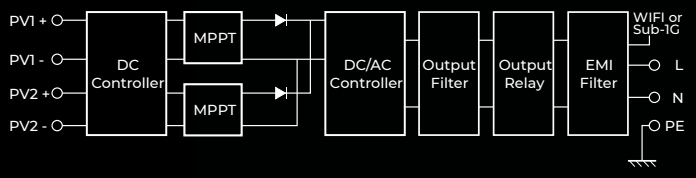
OPENAX

French Brand

# OXM Series

## OXM600 700 800 900 1000W/S-T2





## Features

### HIGHER YIELDS
3hrs More Generation
65 °C full power operation

### SAFETY&RELIABILITY
RSD Compliance
IP67

### FLEXIBLE INSTALLATION
Plug-and-Play design enables faster installation

### STRONG COMMUNICATION
Encrypted WiFi/Sub-1G Solution for Residential & Commercial

# Technical Specifications

OXM-T2

| Model | OXM600S-T2<br>OXM600W-T2 | OXM700S-T2<br>OXM700W-T2 | OXM800S-T2<br>OXM800W-T2 | OXM900S-T2<br>OXM900W-T2 | OXM1000S-T2<br>OXM1000W-T2 |
|---|---|---|---|---|---|
| **Input Data (DC)** | | | | | |
| Commonly Module Power (W) | 240to410+ | 270to460+ | 330to550+ | 350to610+ | 390to680+ |
| Operation Voltage Range (V) | | | 14-63 | | |
| MPPT Voltage Range (V)[1] | | | 16-60 | | |
| Start-up Voltage (V) | | | 18 | | |
| Maximum Input Voltage (V) | 63 | 63 | 63 | 63 | 63 |
| Maximum Input Current (A) | 2x13 | 2x14 | 2x15 | 2x16 | 2x17 |
| Maximum Input Short Circuit Current (A) | 2x25 | 2x25 | 2x25 | 2x25 | 2x25 |
| DC portbackfeed current (A) | | | 0 | | |
| Overvoltage class DC port | | | Ⅱ | | |
| Number of MPPTs | | | 2 | | |
| Number of Inputs per MPPT | | | 1 | | |
| **Output Data (AC)** | | | | | |
| Rated Output Power (VA) | 600 | 700 | 800 | 900 | 1000 |
| Rated Output Current (A) | 2.61 | 3.04 | 3.48 | 3.91 | 4.35 |
| Maximum Units per 2.5mm² Branch[2] | 7 | 6 | 5 | 5 | 4 |
| Maximum Units per 4mm² Branch[2] | 12 | 10 | 9 | 8 | 7 |
| Nominal Output Voltage (V)[3] | | | 230/240 | | |
| Nominal Frequency (Hz) | | | 50 | | |
| Maximum output overcurrent protection (A) | | | 6.5 | | |
| Maximum output fault current (A) | | | 6.5 | | |
| Current inrush (A) | | | 0 | | |
| Overvoltage class AC port | | | Ⅲ | | |
| Power Factor (adjustable) | | | >0.99(default) | | |
| Total Harmonic Distortion | | | <3% | | |
| **Efficiency** | | | | | |
| CEC Peak Efficiency | 96.80% | 96.80% | 96.80% | 96.60% | 96.60% |
| Nominal MPPT Efficiency | | | 99.80% | | |
| Nighttime Power Consumption (mW) | | | <50 | | |
| **Packing Configuration** | | | | | |
| Container | | | 20'GP/ 40'HQ | | |
| Pieces/Pallet | | | 1100*1100 | | |
| Pallets per Container | | | 20/ 40 | | |
| Pieces per Container | | | 2800/ 6880 | | |
| **General Data** | | | | | |
| Ambient Temperature Range (°C) | | | -40 to +65 | | |
| Dimensions (W x H x D mm) | | | 274 x 222 x 36.5 | | |
| Weight (kg) | | | 3.22 | | |
| Enclosure rating | | | Outdoor IP67(NEMA 6) | | |
| Relative humidity | | | 0～100%, No Condensing | | |
| Max. operation altitude (m) | | | 2000 | | |
| Pollution degree | | | Ⅲ | | |
| Cooling | | | Natural Convection (nofans) | | |
| Communication | | | WIFI(W-T2) / Sub-1G(S-T2) | | |
| Monitoring | | | OPENAX Cloud[4] | | |
| Type of Isolation | | | Galvanically Isolated | | |
| Compliance | IEC/EN 62109-1, IEC/EN 62109-2, IEC/EN 61000-6-1/-2/-3/-4, EN50549-1: 2019, VDE-AR-N 4105: 2018, CEI0-21, TOR Erzeuger, R25: 2019, EN 300 220-1/-2, EN300328, EN301489-1/-3/-17, EN62311, C10/11, PN-EN50549-1: 2019, NC-RfG, ORDINANCE 140_2022 | | | | |

*1 The output power may vary with the output voltage.
*2 Refer to local requirements for exact number of microinverters per branch.
*3 Nominal voltage/frequency can vary depending on local requirements.
*4 OPENAX Cloud Monitoring System.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