

HUAWEI - SUN2000-3,68KTL-L1

Product code: F.Huawei.1F.wifi.000368.L1



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|---------------------------|----------|
| Manufacturer | HUAWEI |
| Inverter type | Hybrid |
| Inverter phases | 1 |
| Max. AC power | 3680 |
| Max. DC power | 5520 |
| Output power | 3680 |
| Circuit breaker value | 16 |
| MPPT | 2 |
| Amperage | 12.5 |
| WIFI | Tak |
| Ethernet | No |
| Compatible energy storage | Huawei |
| Compatible optimizers | Huawei |
| Warranty | 10 |
| CN code number | 85044085 |
| Quantity per pallet | 20 |
| Country of origin | China |
| Weight | 13 |
| Width | 36 |
| Height | 36 |
| Depth | 14 |

HUAWEI - SUN2000-3.6KTL-L1 is a single-phase grid-connected string inverter that converts direct current generated by photovoltaic strings into alternating current and supplies electrical energy to the power grid. The HUAWEI SUN2000 inverter is used for grid-connected rooftop photovoltaic installations in residential areas. The installation consists of photovoltaic strings, grid-connected inverters, AC switches, and power distribution units (PDUs). It has an IP65 protection rating and can be installed indoors or outdoors.

Product variants

| Index | Price |
|--|--|
| HUAWEI - SUN2000-3,68KTL-L1 F.Huawei.1F.wifi.000368.L1 | Product prices only visible after login. If you do not have an account, please register. |

Product description

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The HUAWEI SUN2000 inverter is used for grid-connected rooftop photovoltaic installations in residential areas. The installation consists of photovoltaic strings, grid-connected inverters, AC switches, and power distribution units (PDUs). It has an IP65 protection rating and can be installed indoors or outdoors.

Advantages of the HUAWEI - SUN2000-3.6KTL-L1 inverter:

Single-phase inverter offering integration with energy storage and optimization system

Standard type II surge protection on both AC and DC sides

High efficiency up to 98.2%.

Cooling through natural convection ensures quiet and reliable operation.

Wireless communication.

Technical data of the HUAWEI SUN 2000-3.6KTL-L1:

Inverter power: 3.6 kW

Number of inverter phases: 1

Maximum efficiency: 98.4%

Recommended maximum PV power: 5520 Wp

Maximum input voltage: 600 V

Starting voltage: 100 V

MPPT working voltage range: 90 V - 560 V

Nominal input voltage: 360 V

Maximum working current on MPPT: 12.5 A

Maximum short-circuit current on MPPT: 18 A

Number of MPPTs: 2

Number of inputs: 2

Working voltage range: 350 - 560 Vdc

Maximum working current: 15 A

Maximum charging / discharging power: 5000 W

Nominal output power: 3500 W

Maximum apparent power: 3680 VA

Nominal output voltage: 220 V / 230 V / 240 V

Maximum output current: 16 A

Weight (with mounting bracket): 12.3 kg

Dimensions (with mounting bracket): 365 x 365 x 140 mm

IP65 protection rating

The HUAWEI SUN 2000-3.6KTL-L1 inverter is an advanced solution that not only offers user-friendly features for operation and monitoring but also ensures quiet operation and a long-term 10-year warranty, making it a reliable choice for photovoltaic installations.