

# HUAWEI - SUN2000-3KTL-L1

Product code: F.Huawei.1F.wifi.00030.L1



Manufacturer	<b>HUAWEI</b>
Inverter type	<b>Hybrid</b>
Inverter phases	<b>1</b>
Max. AC power	<b>3000</b>
Max. DC power	<b>4500</b>
Output power	<b>3000</b>
Circuit breaker value	<b>20</b>
MPPT	<b>2</b>
Amperage	<b>12.5</b>
WIFI	<b>Tak</b>
Ethernet	<b>No</b>
Compatible energy storage	<b>Huawei</b>
Compatible optimizers	<b>Huawei</b>
Warranty	<b>10</b>
CN code number	<b>85044085</b>
Quantity per pallet	<b>20</b>
Country of origin	<b>China</b>
Weight	<b>13</b>
Width	<b>36</b>
Height	<b>36</b>
Depth	<b>14</b>

HUAWEI - SUN2000-3KTL-L1 is a single-phase grid-connected string inverter, which converts the direct current generated by photovoltaic strings into alternating current and delivers electrical energy to the power grid. The HUAWEI SUN2000 inverter is suitable 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
<p><b>HUAWEI - SUN2000-3KTL-L1</b> F.Huawei.1F.wifi.00030.L1</p>	<p>Product prices only visible after login. If you do not have an account, please register.</p>

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## Product description

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Advantages of the HUAWEI - SUN2000-3KTL-L1 inverter:

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

Standard Type II surge protection on both AC and DC sides.

High efficiency up to 98.2%.

Natural convection cooling ensures quiet and reliable operation.

Wireless communication.

Technical data of the HUAWEI SUN 2000-3KTL-L1:

Inverter power: 3 kW

Number of inverter phases: 1

Maximum efficiency: 98.3%

Recommended maximum PV power: 4500 Wp

Maximum input voltage: 600 V

Starting voltage: 100 V

Working voltage range on MPPT: 90 V - 560 V

Rated 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

Rated output power: 3000 W

Maximum apparent power: 3300 VA

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

Maximum output current: 15 A

Weight (with mounting bracket): 12.3 kg

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

IP65 protection rating

The HUAWEI SUN 2000-3KTL-L1 inverter is an advanced solution that not only offers user-friendly features for operation and monitoring but also ensures quiet operation and comes with a long-term 10-year warranty, making it a reliable choice for photovoltaic installations.