

## HUAWEI - SUN2000-5KTL-L1

Product code: F.Huawei.1F.wifi.00050.L1



Manufacturer	HUAWEI
Inverter type	Hybrid
Inverter phases	1
Max. AC power	5000
Max. DC power	7500
Output power	5000
Circuit breaker value	32
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 - SUN2000-5KTL-L1 is a single-phase string inverter connected to the grid, which converts direct current generated by photovoltaic chains into alternating current and supplies 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 chains, 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 - SUN2000-5KTL-L1</b> F.Huawei.1F.wifi.00050.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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The HUAWEI SUN2000 inverter is suitable for grid-connected rooftop photovoltaic installations in residential areas. The installation consists of photovoltaic chains, 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 - SUN2000-5KTL-L1 inverter:

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

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 for the HUAWEI SUN 2000-5KTL-L1:

Number of inverter phases: 1

Maximum efficiency: 98.4%

Recommended maximum PV power: 7500 Wp

Maximum input voltage: 600 V

Starting voltage: 100 V

Operating voltage range on MPPT: 90 V - 560 V

Nominal input voltage: 360 V

Maximum operating current on MPPT: 12.5 A

Maximum short-circuit current on MPPT: 18 A

Number of MPPTs: 2

Number of inputs: 2

Operating voltage range: 350 - 560 Vdc

Maximum operating current: 15 A

Maximum charging / discharging power: 5000 W4

Rated output power: 5000 W

Maximum apparent power: 5500 VA

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

Maximum output current: 25 A

Weight (with mounting bracket): 12.3 kg

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

IP65 protection rating

The HUAWEI SUN 2000-5KTL-L1 inverter is an advanced solution that not only offers features facilitating operation and monitoring but also ensures quiet operation and a long-term 10-year warranty, making it a solid choice for photovoltaic installations.