

## HUAWEI SUN2000-50KTL-M3

Product code: F.Huawei.3F.withoutwifi.00500.M3



Manufacturer	<b>HUAWEI</b>
Inverter type	<b>On-grid</b>
Inverter phases	<b>3</b>
Max. AC power	<b>50000</b>
Output power	<b>50000</b>
Circuit breaker value	<b>100</b>
MPPT	<b>4</b>
Amperage	<b>20</b>
WIFI	<b>Nie</b>
Ethernet	<b>No</b>
Compatible optimizers	<b>Huawei</b>
Warranty	<b>5</b>
CN code number	<b>85044086</b>
Quantity per pallet	<b>2</b>
Country of origin	<b>China</b>
Weight	<b>74</b>
Width	<b>55.5</b>
Height	<b>101</b>
Depth	<b>30</b>

The HUAWEI SUN 2000-50KTL-M3 inverter is a three-phase PV inverter connected to the grid, which converts direct current generated by photovoltaic chains into alternating current and supplies energy to the power grid. The HUAWEI SUN 2000-50KTL-M3 is used in grid-connected photovoltaic installations located on the roofs of industrial and commercial buildings, as well as in small ground-mounted installations. A grid-connected installation consists of photovoltaic chains, grid-connected inverters, AC switches, and power distribution units.

## Product variants

Index	Price
<b>HUAWEI SUN2000-50KTL-M3</b> F.Huawei.3F.withoutwifi.00500.M3	Product prices only visible after login. If you do not have an account, please register.

## Product description

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Advantages of the HUAWEI SUN 2000-50KTL-M3 inverter:

Arc-fault protection supported by AI

Up to 30% higher energy yield thanks to optimizers

WLAN, Fast Ethernet, 4G communication support

Technical data of the HUAWEI SUN 2000-50KTL-M3:

Maximum efficiency 98.5%

Max. input voltage<sup>1</sup> 1100 V

Max. current per MPPT 30 A

Max. input current 20 A

Max. short-circuit current per MPPT 40 A

Start-up voltage 200 V

MPPT operating voltage range<sup>2</sup> 200 V ~ 1000 V

Rated input voltage 600 V

Number of inputs 8

Number of MPPTs 4

Rated active AC power 50,000 W

Maximum apparent AC power 55,000 VA

Rated output current 72.2 A @ 400Vac, 60.1 A @ 480Vac

Maximum output current 79.8 A @ 400Vac, 66.5 A @ 480Vac

Dimensions (width x height x depth) 640 x 530 x 270 mm

Weight (with mounting plate) 49 kg

IP protection level IP66

The HUAWEI SUN 2000-50KTL-M3 inverter is an advanced solution that not only offers features for easier operation and monitoring but also ensures quiet operation and a long-term 10-year warranty, making it a reliable choice for photovoltaic installations.