

## HUAWEI SUN2000 20KTL-M2 HC

Product code: F.Huawei.3F.withoutwifi.00200.M2.HC



Manufacturer	<b>HUAWEI</b>
Inverter type	<b>On-grid</b>
Inverter phases	<b>3</b>
Max. AC power	<b>20000</b>
Max. DC power	<b>30000</b>
Output power	<b>20000</b>
Circuit breaker value	<b>40</b>
MPPT	<b>2</b>
Amperage	<b>27</b>
WIFI	<b>Nie</b>
Ethernet	<b>No</b>
Compatible optimizers	<b>Huawei</b>
Warranty	<b>10</b>
CN code number	<b>85044086</b>
Quantity per pallet	<b>10</b>
Country of origin	<b>China</b>
Weight	<b>43</b>
Width	<b>47</b>
Height	<b>52</b>
Depth	<b>26</b>

The inverter HUAWEI SUN 2000-20KTL-M2 HC is a three-phase photovoltaic chain inverter, specially designed to convert the direct current energy generated by the chains of photovoltaic panel modules and deliver it to the electrical grid. Its applications include rooftop residential installations connected to the grid and small ground-mounted photovoltaic installations, also connected to the grid. In a typical grid-connected installation consisting of photovoltaic chains, inverters connected to the grid, alternating current switches, and energy distribution modules, the HUAWEI SUN2000 inverter plays a key role in efficiently converting and delivering electrical energy. The high-current version is characterized by the permissible higher input current on the DC side.

## Product variants

Index	Price
<b>HUAWEI SUN2000 20KTL-M2 HC</b> F.Huawei.3F.withoutwifi.00200.M2.HC	Product prices only visible after login. If you do not have an account, please register.

## Product description

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Its applications include rooftop residential installations connected to the grid and small ground-mounted photovoltaic installations, also connected to the grid. In a typical grid-connected installation consisting of photovoltaic chains, inverters connected to the grid, alternating current switches, and energy distribution modules, the HUAWEI SUN2000 inverter plays a key role in efficiently converting and delivering electrical energy.

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Advantages of the HUAWEI SUN 2000-20KTL-M2 HC inverter:

Protection against electric arc supported by AI - Up to 30% higher energy yield thanks to optimizers

"Plug & Play" battery interface

WLAN, Fast Ethernet, 4G communication support

Technical data of the HUAWEI SUN 2000-20KTL-M2 HC inverter:

Number of inverter phases: 3

Maximum efficiency: 98.65%

Recommended maximum PV power: 30,000 Wp

Maximum input voltage: 1080 V

Starting voltage: 200 V

Range of PV input operating voltage: 160 V - 950 V

Nominal input voltage: 600 V

Maximum operating current on MPPT: 27 A

Maximum short-circuit current on MPPT: 39 A

Number of MPPT: 2

Number of inputs: 4

Range of DC operating voltage: 600 - 980 Vdc

Nominal output AC power: 20,000 W

Maximum apparent power: 22,000 VA

Nominal output voltage: 220 V AC / 380 V AC, 230 V AC / 400 V AC, 3W / N+PE

Maximum output current: 33.5 A

Weight (with mounting bracket): 25 kg

Dimensions (with mounting bracket): 525 x 470 x 262 mm

Degree of protection: IP65

The HUAWEI SUN 2000-20KTL-M2 HC 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.