

# HUAWEI SUN 2000-4KTL-M1 HC

Product code: F.Huawei.3F.H.wifi.00040.M1.HC



Manufacturer	<b>HUAWEI</b>
Inverter type	<b>Hybrid</b>
Inverter phases	<b>3</b>
Max. AC power	<b>4000</b>
Max. DC power	<b>6000</b>
Output power	<b>4000</b>
Circuit breaker value	<b>16</b>
MPPT	<b>2</b>
Amperage	<b>13.5</b>
WIFI	<b>Tak</b>
Ethernet	<b>Yes</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>17</b>
Width	<b>47</b>
Height	<b>52</b>
Depth	<b>17</b>

The HUAWEI SUN 2000-4KTL-M1 HC inverter is a three-phase photovoltaic chain inverter specifically designed to convert direct current energy generated by photovoltaic panel modules into alternating current and supply it to the electrical grid. Its applications include roof-mounted residential installations connected to the grid and small ground-mounted photovoltaic installations, also grid-connected. In a typical grid-connected installation consisting of photovoltaic chains, grid-connected inverters, alternating current switches, and energy distribution modules, the HUAWEI SUN2000 inverter plays a key role in efficiently converting and supplying electrical energy. The high-current version is characterized by a permissible higher input current on the DC side.

## Product variants

Index	Price
<b>HUAWEI SUN 2000-4KTL-M1 HC</b> F.Huawei.3F.H.wifi.00040.M1.HC	Product prices only visible after login. If you do not have an account, please register.

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## Product description

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

The high-current version is characterized by a permissible higher input current on the DC side.

Advantages of the HUAWEI SUN 2000-4KTL-M1 HC inverter:

Electric arc protection supported by AI - Up to 30% higher energy yield thanks to optimizers

"Plug & Play" battery interface

WLAN, Fast Ethernet, 4G communication support

Technical data HUAWEI SUN 2000-4KTL-M1 HC:

Number of inverter phases: 3

Maximum efficiency: 98.3%

Recommended maximum PV power: 6000 Wp

Maximum input voltage: 1100 V

Starting voltage: 200 V

Working voltage range of PV input: 140 V - 980 V

Nominal input voltage: 600 V

Maximum working current on MPPT: 13.5 A

Max. short-circuit current on MPPT: 19.5 A

Number of MPPTs: 2

Number of inputs: 1

Working voltage range of DC: 600 - 980 Vdc

Maximum working DC current: 16.7 A

Maximum charging power: 10000 W

Rated output power: 4000 W

Maximum apparent power: 4400 VA

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

Maximum output current: 6.8 A

Weight (with mounting bracket): 17 kg

Dimensions (with mounting bracket): 525 x 470 x 146.5 mm

Degree of protection: IP65

The HUAWEI SUN 2000-4KTL-M1 HC inverter is an advanced solution that not only offers features to facilitate operation and monitoring but also ensures quiet operation and a long-term 10-year warranty, making it a reliable choice for photovoltaic installations.