

# HUAWEI SUN 2000-3KTL-M1-HC

Product code: F.Huawei.3F.H.wifi.00030.M1.HC



Manufacturer	HUAWEI
Inverter type	Hybrid
Inverter phases	3
Max. AC power	3000
Max. DC power	4500
Output power	3000
Circuit breaker value	16
MPPT	2
Amperage	13.5
WIFI	Tak
Ethernet	Yes
Compatible energy storage	Huawei
Compatible optimizers	Huawei
Warranty	10
CN code number	85044085
Quantity per pallet	20
Country of origin	China
Weight	17
Width	47
Height	52
Depth	17

The HUAWEI SUN2000-3KTL-M1-HC inverter is a three-phase photovoltaic chain inverter, specially designed to convert direct current energy generated by photovoltaic panel modules into alternating current and deliver it to the electrical grid. Its application includes residential rooftop grid-connected installations and small ground-mounted grid-connected photovoltaic installations. In a typical grid-connected installation consisting of photovoltaic chains, grid-connected inverters, AC switches, and power distribution modules, the HUAWEI SUN2000 inverter plays a key role in efficiently converting and delivering electrical energy. The high-current version is characterized by an allowable higher input current on the DC side.

## Product variants

Index	Price
<b>HUAWEI SUN 2000-3KTL-M1-HC</b> F.Huawei.3F.H.wifi.00030.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 application includes residential rooftop grid-connected installations and small ground-mounted grid-connected photovoltaic installations. In a typical grid-connected installation consisting of photovoltaic chains, grid-connected inverters, AC switches, and power 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 SUN2000-3KTL-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 of the HUAWEI SUN 2000-3KTL-M1-HC:

Number of inverter phases: 3

Maximum efficiency: 98.2%

Recommended maximum PV power: 4500 Wp

Maximum input voltage: 1100 V

Starting voltage: 200 V

PV input voltage working range: 140 V - 980 V

Rated input voltage: 600 V

Maximum working current at MPPT: 13.5 A

Maximum short-circuit current at MPPT: 19.5 A

Number of MPPTs: 2

Number of inputs: 1

DC working voltage range: 600 - 980 Vdc

Maximum DC working current: 16.7 A

Maximum charging power: 10000 W

Rated output power: 3000 W

Maximum apparent power: 3300 VA

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

Maximum output current: 5.1 A

Weight (with mounting bracket): 17 kg

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

Protection class: IP65

The HUAWEI SUN 2000-3KTL-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 solid choice for photovoltaic installations.