

# HUAWEI SUN 2000-4KTL-M1 HC

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



Manufacturer	HUAWEI
Inverter type	Hybrid
Inverter phases	3
Max. AC power	4000
Max. DC power	6000
Output power	4000
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 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> <b>F.Huawei.3F.H.wifi.00040.M1.HC</b>	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.