

HUAWEI SUN2000-10KTL-M1 HC

Product code: F.Huawei.3F.H.wifi.00100.M1.HC



Manufacturer	HUAWEI
Inverter type	Hybrid
Inverter phases	3
Max. AC power	10000
Max. DC power	15000
Output power	10000
Circuit breaker value	25
MPPT	2
Amperage	13.5
WIFI	Tak
Ethernet	Yes
Compatible energy storage	Huawei
Compatible optimizers	Huawei
Warranty	10
CN code number	85044086
Quantity per pallet	20
Country of origin	China
Weight	17
Width	47
Height	52
Depth	17

The inverter HUAWEI SUN 2000-10KTL-M1 HC is a three-phase photovoltaic chain inverter, specially designed to convert direct current energy generated by photovoltaic panel module chains and deliver it to the electrical grid. Its application includes roof-mounted 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, grid-connected inverters, 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 an allowable higher input current on the DC side.

Product variants

Index	Price
HUAWEI SUN2000-10KTL-M1 HC F.Huawei.3F.H.wifi.00100.M1.HC	Product prices only visible after login. If you do not have an account, please register.

Product description

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Its application includes roof-mounted 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, grid-connected inverters, 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 an allowable higher input current on the DC side.

Advantages of the HUAWEI SUN 2000-10KTL-M1 HC inverter:

Protection against electric arcs 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 2000-10KTL-M1 HC inverter:

Number of phases of the inverter: 3

Maximum efficiency: 98.6%

Recommended maximum PV power: 15,000 Wp

Maximum input voltage: 1100 V

Starting voltage: 200 V

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

Nominal input voltage: 600 V

Maximum working current on MPPT: 13.5 A

Maximum short-circuit current on MPPT: 19.5 A

Number of MPPTs: 2

Number of inputs: 1

Working voltage range of the DC: 600 - 980 Vdc

Maximum working current of the DC: 16.7 A

Maximum charging power: 10,000 W

Nominal output power: 10,000 W

Maximum apparent power: 11,000 VA

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

Maximum output current: 16.9 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 2000-10KTL-M1 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.