

HUAWEI SUN2000-40KTL-M3

Product code: F.Huawei.3F.withoutwifi.00400.M3



Manufacturer	HUAWEI
Inverter type	On-grid
Inverter phases	3
Max. AC power	40000
Output power	40000
Circuit breaker value	80
MPPT	4
Amperage	26
WIFI	Nie
Ethernet	No
Compatible optimizers	Huawei
Warranty	5
CN code number	85044086
Quantity per pallet	4
Country of origin	China
Weight	45
Width	53
Height	64
Depth	27

The HUAWEI SUN 2000-40KTL-M3 inverter is a three-phase PV inverter connected to the grid, which converts the direct current generated by the photovoltaic chains into alternating current and supplies energy to the power grid. The HUAWEI SUN 2000-40KTL-M3 is used in grid-connected photovoltaic installations located on the roofs of industrial and commercial buildings as well as in small ground-mounted installations. The grid-connected installation consists of photovoltaic chains, grid-connected inverters, AC switches, and power distribution units.

Product variants

Index	Price
HUAWEI SUN2000-40KTL-M3 F.Huawei.3F.withoutwifi.00400.M3	Product prices only visible after login. If you do not have an account, please register.

Product description

The HUAWEI SUN 2000-40KTL-M3 inverter is a three-phase PV inverter connected to the grid, which converts the direct current generated by the photovoltaic chains into alternating current and supplies energy to the power grid. The HUAWEI SUN 2000-40KTL-M3 is used in grid-connected photovoltaic installations located on the roofs of industrial and commercial buildings as well as in small ground-mounted installations. The grid-connected installation consists of photovoltaic chains, grid-connected inverters, AC switches, and power distribution units.

Advantages of the HUAWEI SUN 2000-40KTL-M3 inverter:

Intelligent monitoring of 8 chains

Maximum efficiency 98.6%

Construction without additional fuses

Type II surge protectors for DC and AC

Technical data of the HUAWEI SUN 2000-40KTL-M3 inverter:

Maximum efficiency 98.7%

Maximum input voltage 1,100 V

Maximum current for MPPT 26 A

Maximum short-circuit current for MPPT 40 A

Starting voltage 200 V

MPPT working voltage range 200 V ~ 1000 V

Nominal input voltage 600 V

Number of MPPTs 4

Maximum number of MPPT inputs 2

Nominal active power AC 40,000 W

Maximum apparent power AC 44,000 VA

Nominal output current 57.8 A

Maximum output current 63.8 A

Dimensions (width x height x depth) 640 x 530 x 270 mm

Weight (with mounting plate) 43 kg

IP66 protection rating

The HUAWEI SUN 2000-40KTL-M3 inverter is an advanced solution that not only offers features for easy operation and monitoring but also ensures quiet operation and a long-term 5-year warranty, making it a solid choice for photovoltaic installations.