

HUAWEI SUN2000-60KTL-M1

Product code: F.Huawei.3F.withoutwifi.00600.M0



Manufacturer	HUAWEI
Inverter type	On-grid
Inverter phases	3
Max. AC power	60000
Output power	60000
MPPT	6
Amperage	22
WIFI	Nie
Ethernet	No
Compatible optimizers	Huawei
Warranty	5
CN code number	85044086
Quantity per pallet	2
Country of origin	China
Weight	74
Width	55.5
Height	108
Depth	30

The three-phase inverter SUN2000-60KTL-M0 in a photovoltaic installation connected to the public grid converts direct current energy generated by photovoltaic module chains into alternating current and supplies the public grid with energy. The SUN2000 inverter is used in grid-connected photovoltaic installations, intended for commercial solar installations on building roofs and large solar power plants. A typical grid-connected photovoltaic installation includes a chain of photovoltaic modules, the SUN2000-60KTL-M0 inverter, an AC distribution box (ACDU), and an isolation transformer.

Product variants

Index	Price
HUAWEI SUN2000-60KTL-M1 F.Huawei.3F.withoutwifi.00600.M0	Product prices only visible after login. If you do not have an account, please register.

Product description

The three-phase inverter SUN2000-60KTL-M0 in a photovoltaic installation connected to the public grid converts direct current energy generated by photovoltaic module chains into alternating current and supplies the public grid with energy. The SUN2000 inverter is used in grid-connected photovoltaic installations, intended for commercial solar installations on building roofs and large solar power plants. A typical grid-connected photovoltaic installation includes a chain of photovoltaic modules, the SUN2000-60KTL-M0 inverter, an AC distribution box (ACDU), and an isolation transformer.

Advantages of the HUAWEI SUN 2000-60KTL-M0 inverter:

Intelligent monitoring of 12 chains

Maximum efficiency of 98.7%

Fuseless design

Type II surge protectors for DC and AC

Technical specifications of the HUAWEI SUN 2000-60KTL-M0:

Maximum efficiency 98.9% @480 V; 98.7% @380 V / 400 V

Max. input voltage¹ 1100 V

Maximum current for MPPT 22 A

Max. short-circuit current MPPT 30 A

Start-up voltage 200 V

MPPT operating voltage range² 200 V ~ 1 000 V

Rated input voltage 600 V @380 V AC / 400 V AC; 720 V @480 V AC

Number of MPPT 6

Maximum number of MPPT inputs 2

Rated active AC power 60,000 W

Maximum apparent AC power 66,000 VA

Maximum active AC power 66,000 W

Rated output current 91.2 A @380 V, 86.7 A @400 V, 72.2 A @480 V

Maximum output current 100 A @380 V, 95.3 A @400 V, 79.4 A @480 V

Dimensions (width x height x depth) 1075 x 555 x 300 mm

Weight (with mounting plate) 74 kg

Operating temperature range -25°C ~ 60°C

IP protection level IP65

The HUAWEI SUN 2000-60KTL-M0 inverter is an advanced solution that not only offers features for easier operation and monitoring but also ensures quiet operation and a long-term 10-year warranty, making it a solid choice for photovoltaic installations.