

## HUAWEI SUN 2000-15KTL-M2 HC

Product code: F.Huawei.3F.withoutwifi.00150.M2.HC



|                       |                 |
|-----------------------|-----------------|
| Manufacturer          | <b>HUAWEI</b>   |
| Inverter type         | <b>On-grid</b>  |
| Inverter phases       | <b>3</b>        |
| Max. AC power         | <b>15000</b>    |
| Max. DC power         | <b>22500</b>    |
| Output power          | <b>15000</b>    |
| Circuit breaker value | <b>32</b>       |
| MPPT                  | <b>2</b>        |
| Amperage              | <b>27</b>       |
| WIFI                  | <b>Nie</b>      |
| Ethernet              | <b>No</b>       |
| Compatible optimizers | <b>Huawei</b>   |
| Warranty              | <b>10</b>       |
| CN code number        | <b>85044086</b> |
| Quantity per pallet   | <b>10</b>       |
| Country of origin     | <b>China</b>    |
| Weight                | <b>25</b>       |
| Width                 | <b>47</b>       |
| Height                | <b>52</b>       |
| Depth                 | <b>26</b>       |

The HUAWEI SUN 2000-15KTL-M2 HC inverter is a three-phase photovoltaic chain inverter specifically designed to convert direct current energy generated by photovoltaic panel arrays 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 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 crucial 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 2000-15KTL-M2 HC</b><br>F.Huawei.3F.withoutwifi.00150.M2.HC | Product prices only visible after login. If you do not have an account, please register. |

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## Product description

The HUAWEI SUN 2000-15KTL-M2 HC inverter is a three-phase photovoltaic chain inverter specifically designed to convert direct current energy generated by photovoltaic panel arrays 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 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 crucial 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 2000-15KTL-M2 HC inverter:

Protection against electric arc supported by AI - Up to 30% higher energy yield thanks to optimizers

"Plug & Play" battery interface

WLAN, Fast Ethernet, 4G communication support

Technical data for the HUAWEI SUN 2000-15KTL-M2 HC:

Number of inverter phases: 3

Maximum efficiency: 98.65%

Recommended maximum PV power: 22,500 Wp

Maximum input voltage: 1080 V

Starting voltage: 200 V

Operating voltage range for PV input: 160 V - 950 V

Nominal input voltage: 600 V

Maximum current at MPPT: 27 A

Maximum short-circuit current at MPPT: 39 A

Number of MPPTs: 2

Number of inputs: 4

Operating voltage range for DC: 600 V - 980 Vdc

Nominal AC output power: 15,000 W

Maximum apparent power: 16,500 VA

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

Maximum output current: 25.2 A

Weight (with mounting bracket): 25 kg

Dimensions (with mounting bracket): 525 x 470 x 262 mm

Protection class: IP65

The HUAWEI SUN 2000-15KTL-M2 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.