

HUAWEI SUN2000-25K-MB0

Product code: F.Huawei.3F.H.wifi.00250.MB0



Manufacturer	HUAWEI
Inverter type	Hybrid
Inverter phases	3
MPPT	2
Ethernet	-
Compatible energy storage	Huawei
Compatible optimizers	Huawei

The HUAWEI SUN2000-25K-MB0 is an advanced inverter designed for photovoltaic installations, offering a range of innovative features and high efficiency. Thanks to its characteristics, it is ideal for both residential and commercial PV systems.

Product variants

Index	Price
<p>HUAWEI SUN2000-25K-MB0</p> <p>F.Huawei.3F.H.wifi.00250.MB0</p>	<p>Product prices only visible after login. If you do not have an account, please register.</p>

Product description

The HUAWEI SUN2000-25K-MB0 is an advanced inverter designed for photovoltaic installations, offering a range of innovative features and high efficiency. Thanks to its characteristics, it is ideal for both residential and commercial PV systems.

Advantages of the HUAWEI SUN2000-25K-MB0 inverter:

- Maximum efficiency of up to 98.6%, ensuring optimal energy production.
- Provides lower energy losses and higher reliability.
- Allows flexibility in system design and better utilization of available space for photovoltaic modules.

Dual MPPT: The inverter has two independent Maximum Power Point Tracking (MPPT) points, allowing for optimal energy management in systems with varying sun exposure conditions.

The device is equipped with communication interfaces such as Wi-Fi and Ethernet, enabling easy monitoring and management of the system via a mobile application or web portal.

Built-in safety features such as integrated surge protection, DC and AC protections, and insulation monitoring ensure safe and reliable operation of the system.

Advanced fanless cooling system ensures quiet operation and a long lifespan of the device.

Compact design and low weight (around 25 kg) make installation and servicing easier.

Technical specifications of the HUAWEI SUN2000-25K-MB0:

Recommended maximum PV power: 37,500 Wp  
MPPT voltage range at full load: 530 V ~ 800 V  
Rated input voltage: 600 V  
Maximum discharge power: 25.0 kW  
Rated output power: 25,000 W  
Maximum apparent power: 27,500 VA  
Rated output current: 38.0 A / 380 Vac / 36.1 A / 400 Vac / 34.8 A / 415 Vac  
Maximum output current: 42.0 A / 380 Vac / 39.9 A / 400 Vac / 38.5 A / 415 Vac  
Weight: 21 kg  
Dimensions (Height x Length x Depth): 546 x 460 x 228 mm  
Protection rating: IP66