

# HUAWEI SUN2000-12K-MB0

Product code: F.Huawei.3F.H.wifi.00120.MB0



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

The HUAWEI SUN2000-12K-M0 is an advanced inverter designed for photovoltaic installations, offering a range of innovative features and high efficiency. Its characteristics make it ideal for use in both residential and commercial PV systems.

## Product variants

Index	Price
<b>HUAWEI SUN2000-12K-MB0</b> F.Huawei.3F.H.wifi.00120.MB0	Product prices only visible after login. If you do not have an account, please register.

## Product description

The HUAWEI SUN2000-12K-M0 is an advanced inverter designed for photovoltaic installations, offering a range of innovative features and high efficiency. Its characteristics make it ideal for use in both residential and commercial PV systems.

Advantages of the HUAWEI SUN2000-12K-M0 inverter:

- The maximum efficiency of the device reaches up to 98.6%, ensuring optimal energy production.
- Provides lower energy losses and higher reliability.
- Allows for 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, enabling optimal energy management in systems with varying sunlight conditions.

Equipped with communication interfaces such as Wi-Fi and Ethernet, allowing easy monitoring and management of the system via a mobile app 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.

An advanced fanless cooling system ensures quiet operation and long device lifespan.

Compact design and low weight (approximately 21 kg) facilitate installation and servicing.

Technical specifications of the HUAWEI SUN2000-12K-M0:

Recommended maximum PV power: 18,000 Wp

MPPT voltage range at full load: 370 V ~ 800 V

Rated input voltage: 600 V

Max discharge power: 13.2 kW

Rated output power: 12,000 W

Maximum apparent power: 13,200 VA

Rated output current: 18.2 A / 380 V AC / 17.3 A / 400 V AC / 16.7 A / 415 V AC

Maximum output current: 20.2 A / 380 V AC / 19.1 A / 400 V AC / 18.5 A / 415 V AC

Weight: 21 kg

Dimensions (Height x Length x Depth): 546 x 460 x 228 mm

Protection degree: IP66