



HIGH-POWER OFF-GRID SERIES / PROTECTED IP20 PLAN

SX-OI

Series High-Power Off-Grid Inverter

SX-OI08 / SX-OI10 / SX-OI12

Built for where the grid is weak or absent: 8–12kW off-grid inverters with 24kVA peak capacity, generator input and parallel expansion — the workhorse for rural homes, workshops and farms.

8-12 kW

High-output off-grid power

24 kVA Peak

Supports demanding loads

2 x MPPT

Solar-ready input

1-6 Units

Parallel expansion

Gen Input

Flexible rural operation

SPECIFICATIONS

Rated Output	8–12 kW (series)
Models	SX-OI08 · 8 kW · SX-OI-08K-IP20-GLOBAL-R1 / SX-OI10 · 10 kW · SX-OI-10K-IP20-GLOBAL-R1 / SX-OI12 · 12 kW · SX-OI-12K-IP20-GLOBAL-R1
Peak Power	24 kVA
Solar Input	Dual MPPT
Parallel	Up to 6 units
Generator Input	Yes
Enclosure	IP20 — dry, protected installation
Warranty	5 years
Connectivity	Mobile app (Wi-Fi / Bluetooth)
Model code	SX-OI08 / SX-OI10 / SX-OI12

KEY FEATURES

- High-output 8–12kW with 24kVA surge for demanding loads
- Dual MPPT solar-ready input
- Generator input for flexible rural operation
- Parallel up to 6 units
- Pure sine wave output for mixed practical loads
- IP20 — dry, protected installation
- Pairs with SX-HB16 battery (CAN/RS485)

**Country Home**

Power larger off-grid household loads.

**Workshop Power**

Pure sine wave for practical mixed loads.

**Agricultural Energy**

Solar and generator-ready rural operation.

SUPPLY

MOQ one 40HQ container, mixed models accepted. Better terms from two containers.

CUSTOMISATION

OEM / ODM: logo, colour, socket standard and packaging.

WARRANTY

5 years. Spare parts and RMA support for channel partners.

Specifications are based on current production and may change without notice. Confirm the final specification in your quotation.