



Orvaldi MKS5K+ Solar 5kVA/5kW | Inverter | MPPT 4kW 48VDC - PVmax 145V DC



link to the product:

<https://www.batna24.com/gb/p/inverters/orvaldi-mks5k-solar-5kva-5kw-inverter-mppt-4kw-48vdc-pvmax-145v-dc>

Price: **5,602.70 zł** gross / 4,555.04 zł net



Manufacturer: ORVALDI

Referention number: DNXGGJNMLRMMQ

Full product description

Orvaldi MKS5K inverter

ORVALDI MKS5K inverter is a device that integrates the functions of DC/AC inverter, photovoltaic panel charge controller (MPPT) and DC charger. The **large LCD display** informs about the current operating parameters, and also allows **independent programming** of the device's functionality.

Three modes of Orvaldi inverter operation

- Solar (SOL) mode, where solar panels are the main source of energy. They power the connected consumers and recharge the batteries. If there is a lack of solar energy or the batteries are discharged, the device will automatically switch to mains operation
- Solar-battery-network (SBU) mode. In this mode, too, the energy obtained from PV cells powers the consumers and recharges the batteries. The unit switches to grid operation when the batteries are discharged
- Network mode (UTY). The main power source for the consumers is the grid. The device uses solar energy or batteries during a power outage from the grid



Features of the Orvaldi MKS5K inverter

- MPPT smart charge controller
- Sinusoidal shape of the output voltage
- Choice of priority power source: grid, solar, solar-accumulator-grid
- Possible cooperation with a power generator
- Parallel operation (up to 6 units) on 4/5kVA models
- Auto-restart on return of mains power
- Cold start
- Short circuit and overload protection
- 3-stage charger optimizes battery consumption
- Limiting the value of battery charging current
- Option to switch off the mains charger



Application of Orvaldi MKS5K inverter

- Home electronics
- Emergency lighting

- Alarm installations
- Telecommunications systems, VOIP
- Fiscal equipment
- Servers and small computer networks
- Control and measuring devices
- Medical apparatus