

# SOLAR INVERTER

## ECO Solar Boost PRO MPPT-3000 3.5kW



Input voltage:	120 to 350 (VDC)
Output voltage:	120 to 350 (VAC)
Output type:	modified sinus
Tracker MPPT:	YES
PV array connection:	serial and serial-parallel
Maximum power:	3.5 kW
Maximum inverter efficiency:	99.7%
EURO inverter efficiency:	99.45%
MPPT matching efficiency:	98.5%
Output VAC No 1:	priority
Output VAC No 2:	dependent*
Thermal protection:	YES
High and low voltage protection:	YES
Over current protection:	YES
LCD:	YES
Energy meter:	YES
Power meter:	YES
Cooling:	Active intelligent fan
Housing:	Aluminium
Dimensions:	320x272x96 [mm]
Weight:	4.1 Kg
EAN:	5903332566075

The ECO Solar Boost PRO MPPT-3000 inverter is designed to built heating system powered by solar energy as easy as possible. It is enough to connect PV array to input of the inverter and electric boiler to the output. By ECO Solar Boost PRO you can power any type of electric heater like electric boilers, heating mats etc.

System is easy and ready to implement in any building or house requiring only electrical connection between PV array, inverter and the heater. Maximum input PV array open circuit voltage is 350VDC, recommended **4-9 typical PV panels** (30-40V, 270-450W) in series.

Operation is based on conversion DC energy to AC with maximum efficiency guaranteed by MPPT algorithm controlled by microprocessor.

The ECO Solar Boost PRO MPPT-3000 is equipped with LCD indicator which can inform the user about the following PV installation parameters:

- PV panels voltage
- Output current
- Electrical energy generated by PV panels

\* Maximum output power is **limited to 3.5kW**, two outputs of the inverter one priority („1”) and second („2”) dependent let you power two heaters, if priority heater will turn off energy will be delivered to second one.

