

# Pump Inverter PN-AP

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- Battery free water pumping, power supply of asynchronous standard pumps
- Variable frequency inverter
- Power output: pumps from 1.1 to 5.5 kW
- Maximum Power Point Tracking (MPPT)
- IP55 steel enclosure
- Protections : dry running, over voltage, high power, high temperature, reverse polarity

## User Interface

- 5 coloured LEDs describing the system's state
- System's parameters displayed through a 16 characters LCD screen

## Box

- Steel, painted
- IP55 protection
- Easy connection

## General Switch

- 2 polarities cut off from DC (from system array)
- Mechanical lock to forbid the opening of the lid during the inverter's operation

## Technical Characteristics

- Pump power supply 1.1 / 1.5 / 2.2 / 3 / 4 / 5.5 kW
- Frequency adaptation (progressive starting) depending on the energy available from 10 to 53 Hz (pump limit)
- Maximum power point tracking for maximum efficiency
- Dimensions: unpacked: 350 x 300 x 410 mm  
packed: 420 x 420 x 630 mm
- Weight: 17kg

## Principle

- High voltage coupling
- Only one level of conversion for maximum efficiency
- Can power a wide range of standard 3 X 230 Vac pumps with easy after sales service using local agents.



