XMULTIPLE

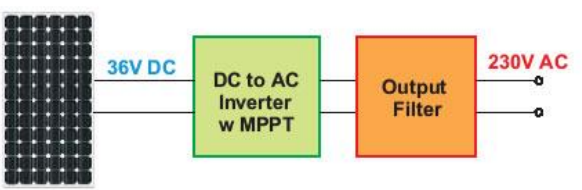
SOLAR INVERTERS

SOLAR INVERTER SERIES

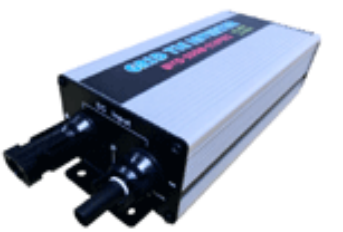
The innovative Xnnexa™ Inverters are designed for silicon photovoltaic (PV) systems - Xnnexa Inverters reduce installation time

FEATURES:

- Meets all new NEC 2008 requirements
- UL approval
- Meet industry standards
- The maximum output power – up to 400 VA.
- The output voltage is 230 V / 50 Hz + 10 %.
- Output voltage with a maximum of 3% distortion.
- Over-current protections implemented
- Hardware for the isolated communication line
- Efficiency better than 80 %.
- MPPT implemented, and the P&O method used.



XSOL-8103A



XSOL-8104A

GENERAL:

The overall structure of this inverter can be split into two sections, the primary low voltage input side and the isolated secondary high voltage output side. The main control unit–digital signal controller (DSC) is placed on the primary side to start to run when the solar panel starts to source minimum output power. The power conversion from the DC low voltage to the high voltage DC bus is maintained by the standard push-pull type converter and isolation power transformer. The conversion from the high voltage DC bus to the standard AC power line voltage is maintained by the inverter in the full-bridge configuration.

XMULTIPLE
CONNECTING THE INFORMATION AGE

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