



MNE Solar Pumping Inverter

MNE solar pumping inverter is specially designed for watering system. A high converting efficiency of 98% and advanced MPPT technology make the solar energy fully used. It converts DC power into AC to drive all kinds of motors. The intelligent design protects the pumps from many abnormal cases, such as over-loading, over-voltage, dry-running, over-heating, low frequency and etc.



DC terminal

Wide input voltage range to optimize PV modules configurations. A booster can be used to extend the voltage range.



Modified AC power supply terminal

Pure sine wave voltage output. Suitable for single-phase 220V, three-phase 380V and three phase 220V systems. Applicable to all kinds of AC motors from 370W ~110KW.



Digital control system

TI DSPC & Mitsubishi IGBT module inside. Auto-operation. Full protection.



AC terminal for hybrid power

Convenient transfer to grid power and generators to enable system to work continuously in weak sunshine.



LCD +LED display

User-Friendly. System status display. -Real-time voltage and frequency indication. -Error type instruction to facilitate troubleshooting.



Terminal for water level sensors

Water level detection both in well and tank. Protection from over-pumped and motor burnout. Automatic start once water level recovered.



Terminal for SMS module

Remote monitor of real-time working status. Facilitate two-way communication between user and system.



Aluminum casing and cooling fan

Heat dissipation design. Lightweight casing. Long life span. Models above 37KW will use metal plate.