

# Solar pumping with variable frequency drives



## VDSUN

**0.37 ~ 2.2 kW**    Input single phase 230V  
Output three phase 230V

### Easy installation and commissioning

- With a few simple steps you will have your installation up and running. Thanks to the optional IoT module, we can connect via Wi-Fi and completely configure our equipment without the need for cables or a console (VDSUN APP Wifi)

### Designed for outdoor installation

The entire casing is made of aluminium, with an IP65 protection rating.

### Integrated voltage booster

- 5 photovoltaic panels are enough to power the equipment \*
- \* Minimum working voltage  $V_{mp} = 160 \text{ Vdc}$ .

### Maximum efficiency and integrated pumping functions

- MPPT function, pressure control, dry well protections etc.

### Cloud remote control via VDSUN APP:

- Allows you to monitor, reset alarms or change parameters. You just need to add a SIM card to the optional IoT module.

### Compatible with three-phase and single-phase pumps \*

\* Up to 1.1 kW

### RS-485/Modbus communication

Suitable for OFF-grid or switched (ON-grid & OFF-grid) systems

## Control and monitoring



VDSUN APP and VDSUN APP Wifi available for ANDROID OS at [vectorenergy.com](http://vectorenergy.com)

## Applications

### OFF-grid or switched (ON-grid & OFF-grid) systems

- Irrigation
- Ornamental fountains
- Swimming pools
- Domestic water

