

Solar Pumping



Access to Water and Water Security: Complete Kits for Off-Grid Borehole Pumping

OffgridSun solar pumping kits are **the ideal one-stop-shop solution for providing a stable access to water in rural areas with no access to grid electricity**, for a variety of uses:

- safe water supply for **communal taps**
- safe water supply to **schools and health centres**
- **livestock watering**
- smallholder and commercial farm **irrigation**.

In all such cases, solar pumping is the sustainable, reliable and cost-competitive alternative to diesel-fuelled pumps.

4 READY KITS AND TAILOR-MADE SOLUTIONS

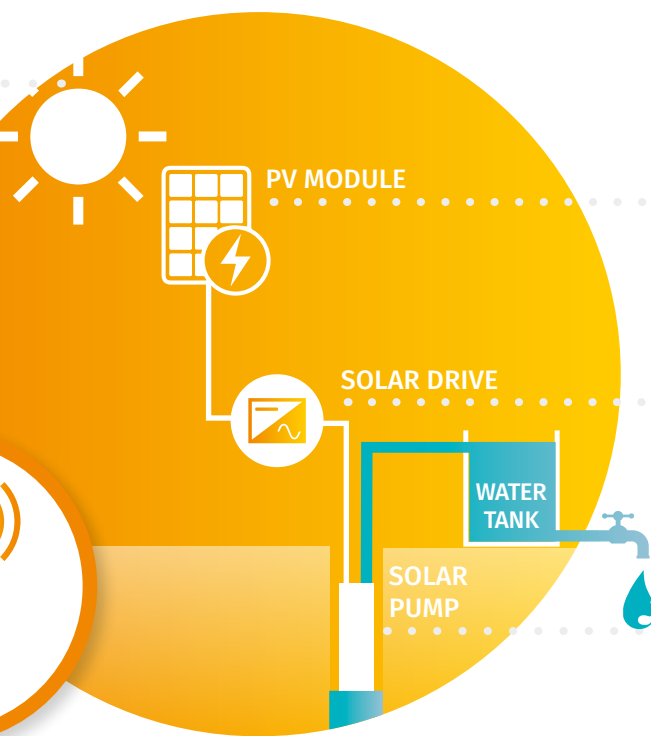
The OffgridSun solar pumping kits come in **4 standardized power sizes**, to suit a wide range of lift values and water flow needs. **Tailor-made solutions** are promptly designed on demand.

STAY CONNECTED

Upon request, we can provide a system to be **remoted controlled by smartphone** in order to monitor multiple operating parameters simultaneously and to get statistics of energy consumption and check alarms history.

Complete Kits for Off-Grid Borehole Pumping

Pump operation stops automatically at sunset or when the full tank capacity is reached.



High-efficiency crystalline solar modules (100,160,280 Wp)

Made in Italy aluminum supporting structure: extremely light, quick to install, rust-free.

Made in Italy pump drive, suitable to any DC or AC power source

Made in Italy high-performance solar pump: built-in electronics for the easiest installation, dry run protection, enhanced tolerance to sandy water.

Rugged design and engineering: the lowest maintenance requirements, a long lasting solution to the water access challenge.

PUMPING PERFORMANCE & SYSTEM SIZING

We can deliver customized services and solutions for any requirement



FOR THE AFFORDABILITY OF ALL CONSUMERS TIERS



Small School
250 PUPILS



Small Village
500 PEOPLE



Average School
1000 PUPILS



Average Village
1000 PEOPLE



Rural Health Center
50 PATIENTS



Small Rural Hospital
200 PATIENTS

SPK01

SPK02

SPK03

SPK04

Head meters range

10 - 150 m

10 - 180 m

20 - 100 m

70 - 130 m

Quantity m³/day range

5 - 1.15 m³

7.5 - 1.15 m³

15 - 7.5 m³

30 - 12 m³

Solar Panels

4 x 100 W

4 x 160 W

4 x 280 W

11 x 280 W

OffgridSun

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