

ENNOS AG

SOLAR PUMPS CATALOG

2025





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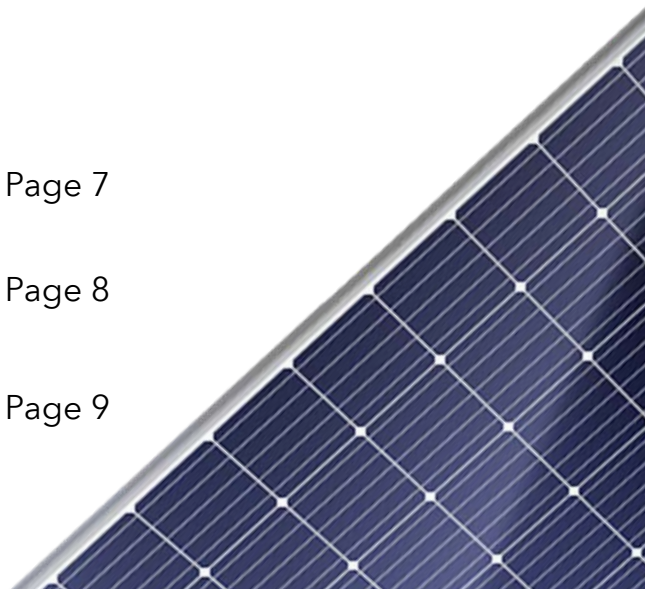
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0.5 HP/375 W SUNLIGHT PUMP

- Surface solar water pump with integrated controller – for easy plug and mobility
- Maximum Power Point Tracking and variable speed operation – for maximum water output at any time of the day (up to 25 m³ per day)
- 0.5 HP/375 W (500W PV Modules) Brushless DC Motor – for maintenance free operation and high efficiency over wide flow and pressure range
- Progressive Cavity Displacement Pump – for high water pressure: pumping capacity of 60m vertically and up to 7000m horizontally
- LED Display – for quick information on operation, troubleshooting and actual flow rate
- Practical solution – Easy connections for pipes and cables for quick installation
- Running dry protection and optional tank overflow sensor
- 2 years warranty from the installation date – service life > 10 years



Shut-Off Head (TDH): 60 meters
Suction capacity at sea level: 7 meters

Maximum water flow: 48 liters/min
Irrigation capacity: 1 hectare



0.5 HP/375 W SUNLIGHT PUMP BASIC PACKAGE

Basic package, with Bluetooth interface for basic data unidirectional upload.



0.5 HP/375 W SUNLIGHT PUMP ADVANCED PACKAGE

Advanced package with controller upgrade offering Bluetooth enabled PAYG (on/off/date) but without Carbon Credit features.



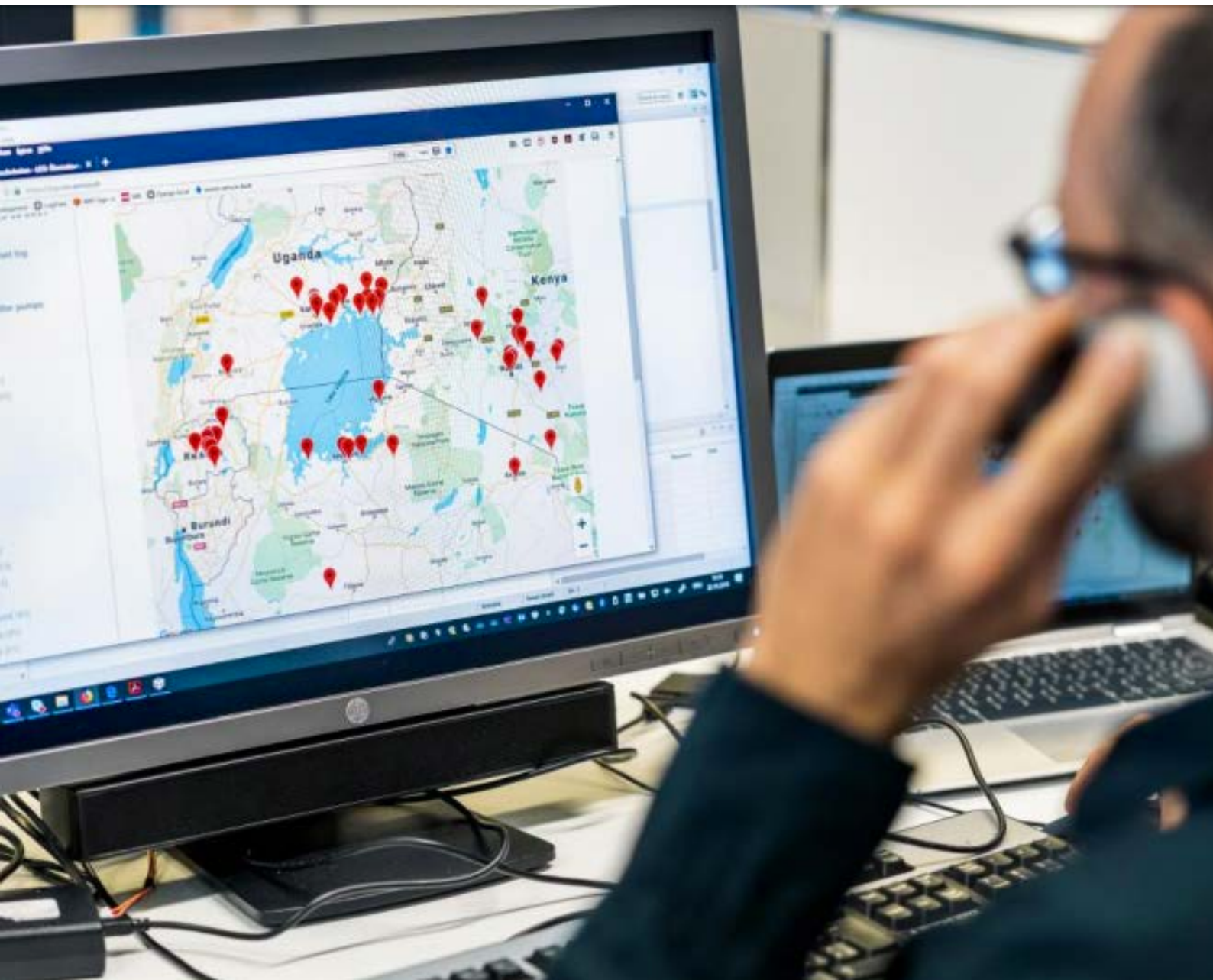
INCLUDED ACCESSORIES*

- 1 set extension cables 7m with MC4 connectors
- 1 MC4 Spanner
- 2 camlock female connectors for 32mm hose
- 5 hose clamps for 32mm hose
- 1 foot valve for 32mm hose
- 1 operational Manual

* Accessories included in all packages

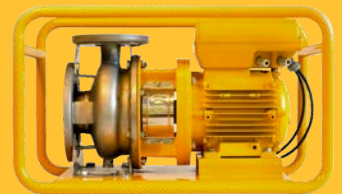
0.5 HP/375 W SUNLIGHT PUMP PREMIUM PACKAGE

Premium package with Innovex device for GPRS enabled PAYG and Carbon Credit features, and 2 years free “Remot” software access (w/o SIM Card). For more information, see page 9.



2 HP/1.5 KW SUNLIGHT PUMP

- Surface solar water pump with integrated controller – for fuel water pump replacement
- Maximum Power Point Tracking and variable speed operation – for maximum water output at any time of the day
- 2 HP (2000W PV Modules) Brushless DC Motor – for maintenance free operation and high efficiency over wide flow and pressure range
- Centrifugal Pump – for high water flow: up to 210 m³ per day
- LED Display – for quick information on operation, troubleshooting and actual flow rate
- Bluetooth Interface – for Timer and detailed actual & statistical data through android phone using the ennos sunlight pump App
- Running dry function and optional tank overflow sensor
- 2 years warranty from the installation date – service life > 10 years



Shut-Off Head (TDH): 28 meters
Suction capacity at sea level: 6 meters

Maximum water flow: 520 liters/min
Irrigation capacity: 10 hectares



2 HP/1.5 KW SUNLIGHT PUMP ADVANCED PACKAGE

With controller upgrade offering Bluetooth enabled PAYG (on/off/date) but without Carbon Credit features.



2 HP/1.5 KW SUNLIGHT PUMP PREMIUM PACKAGE

With Innovex device for GPRS enabled PAYG and Carbon Credit features, and 2 years free "Remot" software access (w/o SIM Card) (see page 9).



INCLUDED ACCESSORIES*

- 1 set extension cables 7m with MC4 connectors
- 1 MC4 Spanner
- 2 rubber gasket
- 8 hex nut bolt & washer
- 1 PVC Foot-Valve 2 1/2"
- 1 circuit breaker
- 1 pump connector for pressure
- 1 pump connector for suction
- 2 multiBranch MC4 connectors Type Y (female and male)
- 1 operational manual

* Accessories included in all packages

NEW: 1.5 HP/1.1 KW SUNLIGHT PUMP

- Newly developed integrated controller by ennos - the ennos software with advanced control algorithms, including Maximum Power Point Tracking and variable speed operation, optimizes water output throughout the day
- Compact 1.1kW Permanent Magnet Synchronous Motor - for maintenance-free operation and high efficiency across a wide range of flow and pressure conditions
- Progressive Cavity Displacement Pump, exclusively developed for ennos by Netzsch Pumps & Systems - with over 70 years of experience in fluid handling, Netzsch is a global leader in the design and production of positive displacement pumps
- LED Display - for quick information on operation, troubleshooting and actual flow rate
- Bluetooth Interface - allows access to real-time and statistical data via the ennos App
- Integrated 4G IoT pump monitoring system, exclusively developed for ennos by Innovex, enables remote pump performance monitoring and analysis - users simply need to provide an affordable data SIM of their choice
- Easy connections for pipes and cables for quick installation - Running dry function and optional tank overflow sensor
- 2 years warranty from the installation date - service life > 10 years



Shut-Off Head (TDH):
60 meters

Suction capacity:
7 meters

Maximum water flow:
147 liters/min

Irrigation capacity:
3 hectares

INCLUDED ACCESSORIES

- 1 set extension cables 7m with MC4 connectors
- 1 MC4 Spanner
- 2 camlock female connectors for 40mm hose
- 5 hose clamps for 40mm hose
- 1 foot valve for 40mm hose
- 1 operational Manual

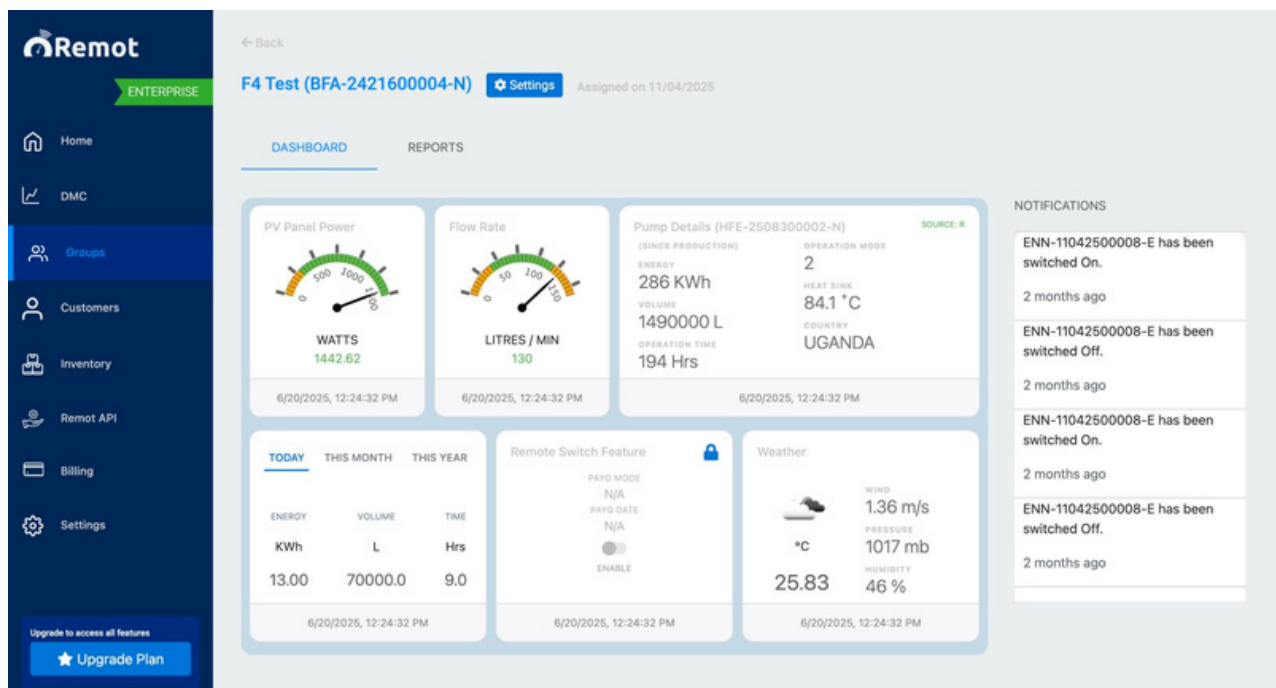
PAYG & CARBON CREDIT

PAYG WITH REMOT



Innovex has developed "Remot", a cloud-based Internet of Things (IoT) platform for managing and maintaining solar equipment installations. The web portal enables real-time system health monitoring and early detection of potential component failures, improving overall reliability.

Remot's PAYG (Pay-As-You-Go) functionality enables distributors to offer flexible financing options to their customers. They can remotely activate and deactivate ennos solar pumps based on customer payments, ensuring reliable service and reduced operational costs.



CARBON CREDIT

Through IT integration with its monitoring software, the Innovex Device will also enable its users to seamlessly generate Micro Carbon Avoidances (MCAs) from the solar pumps they operate. These MCAs will then be available to companies looking to offset their CO2 emissions.