



SOLAR PUMPTEC

SOLAR PUMPING SPECIALISTS

Pastoral Package



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Assembled in Australia



Manufactured in Italy

SOLAR



Clenergy Solar Terrace III + Surefoot

Solar Pumptec/Nastec Pastoral Package

The Solar Pumptec/Nastec Pastoral Package features can offer the following optional extras:

- Solar Panel Cable Protection
- Borecap Protection Cables
- Enclosure Cage for Cable Protection
- Cable trays to protect cable from Bore to Enclosure (2 x 3m lengths)
- Heavy Duty 'Mennekes' Brand Plug & Play Connectors for Motor



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North East/North West Panel Formation - More Pumping Time

Please consider a North East/North West facing panel formation when planning your panel direction and location.

This maximises the amount of time the panels can take advantage of the sun, allowing for a longer pumping time.



Solar Pumptec and Nastec Pastoral Package Options



NERA

Nera - Helical Rotor

DC ONLY

Max Flow To - 50LPM/ Average 20,000 LPD
Max Head To - 120 Metres

The simple solution with PCB in the motor - Keeping stable temperature.



4HS

4HS - Helical Rotor 4"

AC/DC

Max Flow To - 50LPM/ Average 30,000 LPD
Max Head To - 230 Metres

4HS - Centrifugal Rotor 4"

AC/DC

Max Flow To - 180LPM/ Average 60,000 LPD
Max Head To - 125 Metres

The inverter is mounted under the motor - Best location, keeps cool in a stable environment.



VSP

VSP - Centrifugal Rotor 4"-10"

AC/DC

Flow To - 5,000LPM
Head To - 600 Metres

The inverter is mounted under the panels inside a fully vented enclosure with dual fans - Heavy aluminium construction for better cooling.

EPDM material used in the HELICAL Rotor models - Is a softer, smoother rubber with natural oil - NO ROTOR JAMMING



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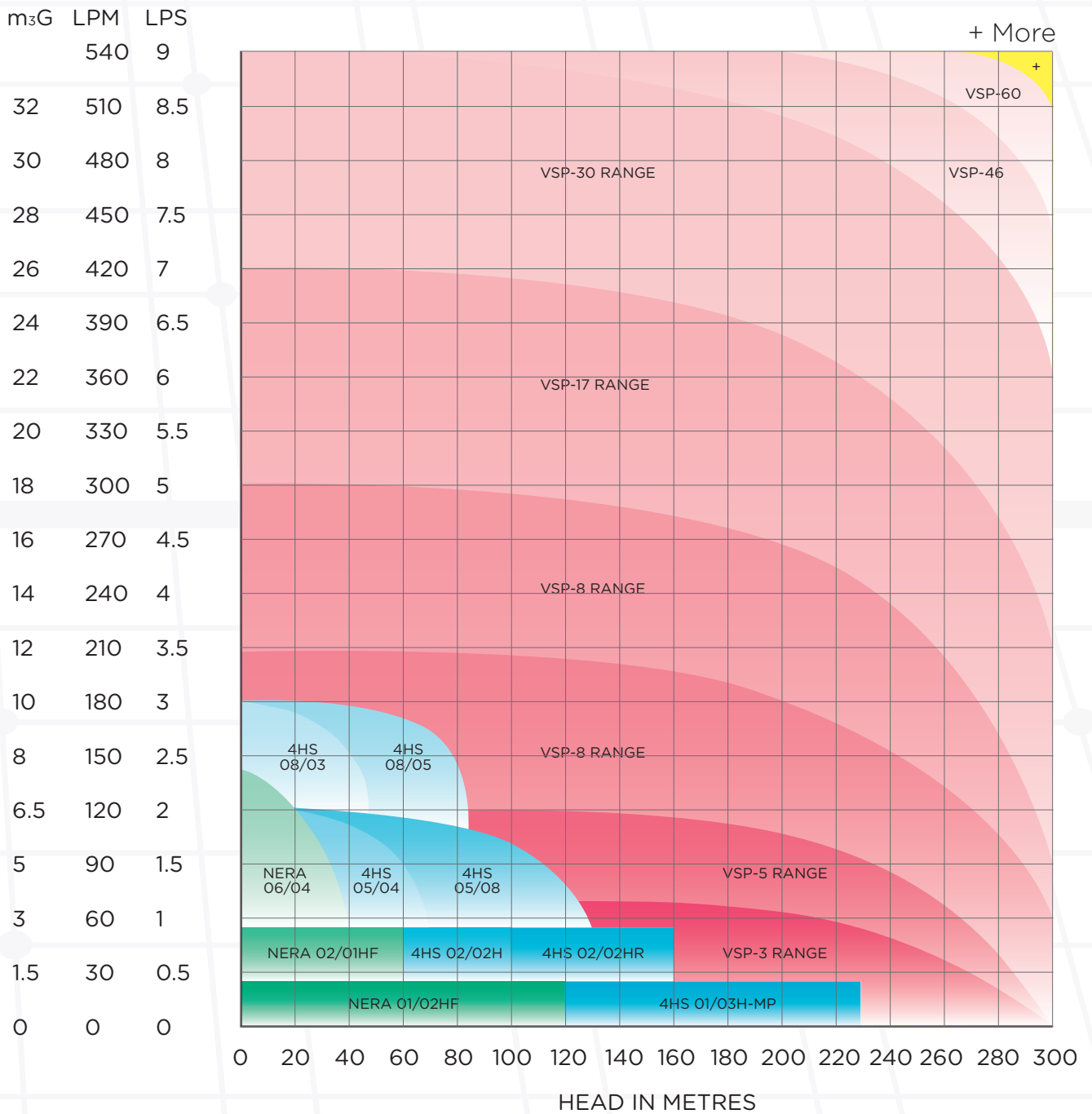


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Performance Ranges



Mounting Systems



PV-ezRack SolarTerrace III-A is a universal ground mount frame for corrosive environments and for tough soil conditions.

Manufactured from high quality structural grade and anodised aluminium PV-ezRack SolarTerrace III-A is the perfect mounting solution for corrosive environments. The support legs can be installed either with concrete ballast footing or on ground screws which makes it suitable for almost every soil condition. Its user friendly high level of prefabrication makes it easy to install and therefore practical for smaller commercial and even for residential installations. STIII-A is also suitable for fixing thin film panels.



PV-ezRack SolarTerrace II-A is a pre-assembled ground mount system suitable for commercial and utility scale installations. This quality frame is trimmed at every angle for fast deployment reducing labour costs. It was designed with a unique post profile which allows reduced embedment and therefore saves on material and labour. Furthermore it has an industry leading 80um galvanisation and 10um anodisation thickness as standard which ensures a long life cycle. These features, combined with its high grade of pre-assembly make SolarTerrace II-A one of the best ground mount system you can find.



Surefoot Footings is the concrete free alternative to screw piles that is revolutionising the footing industry. Our high strength, hybrid 'all-in-one' steel footings are specifically designed to increase its efficiency when resisting gravity, uplift, shear and moment loads.



Floating Pontoon for Rivers & Dams

Our range of quality built NERA systems are not only exclusively to be used with bores, but also work for dams, rivers and multiple other natural water sources.

We have developed a specialised floating pontoon which enables you to utilise that water and pump to your header tank, dam or another location.

Take your complete package system price, add your control option and cable costs, then simply add your pontoon selection to complete your package suitable for rivers and dams.



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NERA



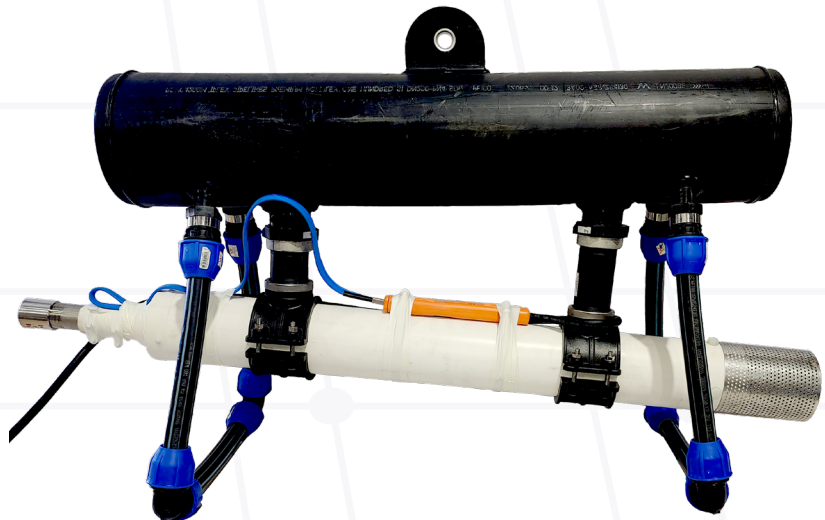
FSP-10KG-PVC-ECO



FSP-10KG-PVC



FSP-10KG-HEAVY



FSP-10KG-HEAVY-DRYRUN





Solar Panels

AXITEC
high quality german solar brand

JA SOLAR



tindo

To ensure you achieve the best results from your new NERA pumping system, we only offer high quality, Tier One solar panels.

Employing split cell technology, these high performance panels from either Trina Solar or JA Solar will reliably and consistently power your operation for the long term.

Backed up by our ten year warranty, you can be confident knowing the panels we supply are ideal for your system.



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HMA



HMA, combined with any MultiPower “HMA ready” device, switches between AC power (mains or generator) and DC power (photovoltaic panels) completely automatically, based on the programmed logic.

Two interlocked contactors guarantee the uniqueness of the power supply and ensure separation in order to ensure maximum electrical safety.

HMA is an electronic device for switching between power sources that integrates multiple functions. When the AC power is provided by a generator, HMA is able to start or stop it according to need. HMA also monitors any signs of failure or running out of fuel.



Characteristics



Ambient temperature: -10 to 50°C (14 to 122°F)

Max altitude at rated current: 1000 m

Protection degree: IP54 (NEMA 12)

Digital outputs configurable as N.O or N.C:

1. Motor run signal
2. Alarm signal

Analog inputs, (10 or 15 VDC):

1. 4-20 mA
2. 4-20 mA
3. 4-20 mA or 0-10 VDC
4. 4-20 mA or 0-10 VDC



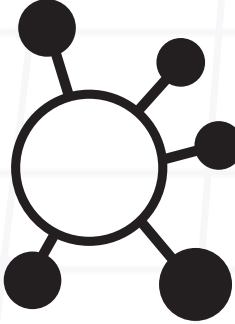
4 digital inputs, configurable as N.O or N.C

MODBUS RTU RS485, Bluetooth® SMART (4.0)

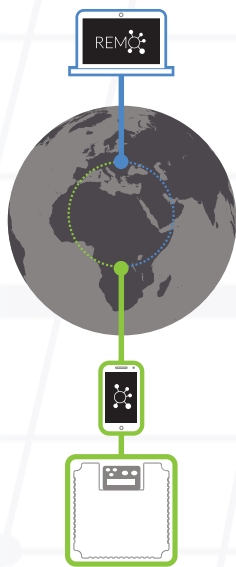




REMO



REMO is the revolutionary Nastec system for controlling devices remotely.



To implement the control system REMO is simple enough:

- Install an Android or iOS smartphone nearby Nastec device you wish to control. The smartphone, connected to the network via Wifi or GSM, communicates via Bluetooth with the associated Nastec device.
- No available GSM card on PCB Internally.
- Install Nastec NOW App on your smartphone, register for free and activate REMO mode.
- From PC or mobile, access to remo.nastec.eu to monitor or program your Nastec device from anywhere in the world.
- Shows immediate location of devices on the map.
- Real time monitoring of all operating parameters and possibility to start or stop the device remotely.
- Remote programming of parameters with possibility of importing and exporting them in .csv format.
- Send e-mails in case of alarm and alarm history reading.
- Recording of operating parameters and plotting on graphs.
- Capability to capture photos using a smartphone camera.



COMING SOON - SATELLITE INTEGRATION



We Assemble and Test Every System In House

Reliability remains our point of difference to others in our field, and quality will always be our only option. To stay ahead of the field, we have installed two new water testing stations in house, allowing us to keep up with increased demand without a drop in quality or time delays.

Our Stamps



All of our units are plug and play, reducing costly set up fees and ensuring you can begin using your new system straight away.



We provide peace of mind by testing each and every pump in South Australia before distribution to help provide a smooth and hassle free installation and start up.



Genuine 2 Year warranty on all Nastec products, with a 10 year warranty on solar panels and arrays. We also give a 25 year linear power warranty.

Why Nastec?

Solar Pumptec pride ourselves on providing our customers with quality products for maximum impact and reliability. That's why we only align ourselves with the best, proudly offering and highly recommending a range of either 100% European or Australian made pumps and accessories.

Our major partnership is with the highly respected Italian company Nastec. Nastec was established in 2007 with the purpose of achieving a range of pumps and accessories which combined the knowledge of electronics and hydraulics. This resulted in a new generation of products with higher reliability, simplicity, flexibility and ease of use together with lower energy consumption.

This allows us to proudly offer a 2 year warranty on all of our Nastec range, demonstrating our confidence in supplying a highly efficient, high quality, reliable solar pump.



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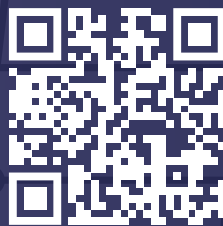
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Sold By

