



Empo ni off grid solutions Thailand

Off-grid with Solar Direct Drive: no operating costs, clean energy, no noise pollution. Simplified system: no extra controller/battery system necessary (mitigating the risk of costly repairs and system down-time) Easy transport and installation Cost-Saving: Produce fresh water on site. Go green: CO₂-free water production

In cooperation with Moerk Water, EMPO-NI has developed the drive of this system, which is now operated exclusively with Solar Energie and does not require a battery. This plant produces up to 100 litres per hour of safe, clean, drinkable water from salty sea water.

EMPO-NI develops standard and customized off-grid solutions. Our experienced engineering team has large expertise in power electronics, control techniques, DSP FPGA and software engineering as well as analogue and digital circuitry using latest CAD, simulation and rapid prototyping toolchains.

Irrigation solutions SDD PayGo; Oil press SDD off-grid Kits; SDD Low Cost Set with Pump; Desalination with Solar Power; Solar Golf Charger Set; PV- modul integrated battery charger; ... The EMPO-NI SOLmini avoids additional cabling and provides typically min. IP65 protection degree - same like the box it is integrated into. ...

EMPO-NI Industrial drive kits SDD User's manuals: Solar Direct Drive 1.5kW-425V PayGo Technical data sheets: Solar Direct Drive 1.5kW-425V . Solar Direct Drive 0,55kW pump kit for 3-4 PV-module application. Solar Direct Drive 5.5kW-850V. NEW! SOLmini Lighting Kit 12V-24V Submersible pumps power /performance data: Pump performance datasheet 0,37kW

EMPO-NI's family of Solar Direct Drives "SDD" are passively cooled robust "stand alone" PV-solar powered motor drive solutions with Maximum Power Point Tracking and IP54(65) protection degree. They provide a rapidly paying-off substitute for ...

The set comprises the proven robust passively cooled EMPO-NI SDD1.5kW-425V and a pump head / discharge optimized submersible pump. Runs with any 4 quality PV-panels (60 cells). SDD1.5kW-425V with complete pump specific protection functions (dry-run protection (sensorless, level switch), low speed, etc.) and MPP- tracking, flow meter input, etc...

EMPO-NI off-grid solution Wernigeroder Strasse 120. 40595 Düsseldorf, Germany Tel: + 49 (0)211 361 848 64. Fax: + 49 (0) 321 212 841 95 . Email: office@emp-[ni.com](http://www.emp-<a href=) Internet: VAT-ID: DE247719543 . The operators of these pages take the protection of your personal data very seriously.

EMPO-NI off-grid solutions has started to gradually implement the commonly used 9-digit token based PayGo system into the Solar Direct Drive SDD1,5kW-425V. The implementation ensures a wide



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compatibility with most of the local Last-Mile management system providers that serve as a point of sales (POS) for the required credit tokens.

Great solutions for your electricity needs as micro-grid. ... Great solutions for your electricity needs as micro-grid. top of page ... Solar Direct Drives; Activation through PayGo; Irrigation solutions SDD PayGo; oil press SDD off-grid kit 1.1kW; SDD Low Cost Set with Pump; Desalination with Solar Power; Solar Golf Charger Set; PV- modul ...

EMPO-NI Off-grid Solutions,PV Cable,PV Cable,Germany,Düsseldorf,About us EMPO-NI off-grid solutions was founded in 2008 in Düsseldorf and is specialized in the development construction and production of Solar Direct Drives and battery charge controllers for off-gridapplications. Our experienced engineering team having great expertise in ...



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