FOR BRIGHTER DAYS AHEAD

POWERnSUN.COM
ABOUT US

POWERnSUN is an international marketing and distribution powerhouse of Power and Renewable Energy in over 3 continents across the globe. It presently delivers as an e-commerce platform for B2B transactions, catering to small and medium distribution companies across the developing world. POWERnSUN is part of the larger diversified Orange Group’s global network.

POWERnSUN is trend setting business operations by redefining distribution of Solar energy, Power back up and Power quality products by ensuring faster products availability and easy accessibility for every order - large or small, seamlessly. Our wide ranging selection of products and technology, ease of transaction, product warranties, post sales services including training for customer satisfaction make us a prominent member of the value chain.

POWERnSUN works zealously to contribute to the communities it operates in by reducing the carbon footprint and ensuring faster and cleaner access to smart and renewable power solutions anytime, anywhere. It strives to deliver better value propositions with competitive pricing driven by trust, transparency and technology for utmost client satisfaction.

POWERnSUN has established operations across India, Middle East & African continent providing complete power and solar energy systems, supplies and solutions.

L.K. VERMA
MANAGING DIRECTOR

We are treading the path towards redefining distribution, by ensuring faster products availability with ease; even for comparatively smaller orders. We are one of the most trusted partner in the value chain because of our services that involves careful selection of products and technology, ease of transaction, product warranties and satisfying after-sales services & trainings.

Our success is seen through client’s satisfaction. We strive towards achieving best possible results and always guarantee value being greater than our price.

www.powernsun.com
**FOCUS ONLINE UPS**
- Range: 1KVA - 10KVA
- True online Double Conversion, High Output power factor at 0.9PF, Time display on LCD, Powerful charger, Input phase & Neutral reversed alarm
- Certification: IEC/EN62040-2, CE

**PULSAR HOME UPS**
- Range: 800VA - 3500VA
- Pure sine wave output, Auto overload resetting, Battery options, Inbuilt battery equalization system, Mode selection option, Micro digital feedback technology, LCD Display
- Certification: CE, ROHS

**FOCUS ONLINE UPS HIGH CAPACITY**
- Range: 10KVA - 800KVA
- DSP Controlled technology, Intelligent battery management system, High PF & low THD <3%, Powerful charger inbuilt, Strong redundancy/Parallel ability
- Certification: IEC/EN62040-1, IEC/EN60950-1

**FOCUS COMMERCIAL UPS/INVERTER**
- Range: 5KVA - 10KVA
- DSP controlled technology, Pure sine wave output, Lighting & surge protection, Smart LCD display with LED indications, Phase reversal protection, Load sensing with smart control
- Certification: CE, ROHS

**PULSAR SOLAR PCU**
- Range: 1KVA - 15KVA
- Three different working mode, Built-in MPPT charge controller, Energy consumption calculation, Temp. compensation technology, Extra protection with MOV & MCCBs
- Certification: CE, ROHS

**FOCUS LI UPS**
- Range: 600VA - 1500VA
- AVR boost and buck, Compatible with generator, Auto charging at off mode, Built-in self-diagnostic function
- Certification: IEC/EN62040-1, IEC/EN60950-1

**INDUSTRIAL INVERTER**
- Range: 10KVA - 50KVA
- Pure sine wave output runs heavy duty appliances, Built-in isolation transformer
- Lightening & Phase reversal protections, DSP technology, Robust design, Cold start technology
- Certificate: IEC/EN62040-2, CE

**FOCUS SOHO INVERTER**
- Range: 600VA - 5000VA
- Fully DSC based PWM technology, Energy saving function, Compatible with Generator, Customized charging facility, intelligent battery management, and Cold start technology
- Certification: IEC/EN62040-1,2, IEC/EN60950-1, CE

**FOCUS ON-GRID INVERTER**
- Range: 1KW - 20KW
- MPPT based technology, Higher efficiency up to 98.6%, Net Metering possible, IP65 Protection, Max. PV Voltage up to 1000V, digital controller
- Certification: CE, TUV, SAA, G83

www.powernsun.com
**HAWK SOLAR SMART GENERATOR**
- **Range:** 12V
- Compact & independent solution for Small DC Applications
- DSP controller to extend the battery life & back up time
- Battery could be charged by solar panel, dual 5V DC USB port for electrical device charging (Mobile), 12V 5A port for DC fans, DC TV, no installation work only plug & play

**BENQ HIGH EFFICIENCY SOLAR PANEL**
- **Range:** 250Wp - 335Wp
- High module efficiency ≥ 20%, Resistance to salt corrosion & Humidity, Sandstorm resistance, High strength design, High PID resistance certified, world class quality & reliability
- Certification: IEC/EN61215, IEC/EN61730, UL 1703 Guidelines

**SUNBEAM SOLAR PANEL**
- **Range:** 10Wp - 300Wp
- Architectural integration, technological innovation, reliability without compromise, use of encapsulate PV5316
- Certification: IEC61215, IEC61730, CE

**PV CONNECTOR**
- **Range:** 4mm², 6mm², 10mm²
- Type: MC3, MC4
- Low contact resistance, double insulated, weather & UV resistant, hydrolysis & ammonia resistant
- Certification: DIN EN50267-1, EN60684-2, EN60811-2-1

**PV COMBINER BOX**
- **Range:** BHS2/1 - 24/1
- Lightning protection, over current & short circuit protection, Efficient protection grade (IP65/IP66), Intelligent monitoring
- Certification: CE, TUV, ROHS

**SOLAR CABLE**
- **Range:** 2.5mm² - 120mm²
- Double insulated, Weather & UV resistance, Core insulation of cross-linked polyolefin, Tinned Pure copper conductor
- Certification: VDE, TUV, UL, EC, CE

**WWW.POWERNSUN.COM**
PNS DC PORTABLE FRIDGE/FREEZER
- Range: 20Lt - 90Lt
- High temperature resistance, Air-cooled condenser for fast cool. Operate on DC 12V/24V, automatically turn-off at lower voltage, Operate on Solar power also

PNS ENERGY SAVING SOLAR REFRIGERATOR
- Range: 92Lt - 230Lt
- High temperature resistance, Air-cooled condenser for fast cooling, Operate on DC 12V/24V, Automatically turn-off at low voltage

PNS ULTRA ENERGY SAVING SOLAR FREEZER
- Range: 128Lt - 433Lt
- Fully airtight compressor, Works on both AC as well as DC power, automatically turn-off at low voltage, High temperature resistance

SOLAR STREET LIGHT INTEGRATED
- Range: 5W - 80W
- Easy installation, no cable needed, lithium battery used to prolong product life, Light output adjustment by built-in infrared sensor, Compact volume and light weight design saves freight cost and installation cost, Mobile Application control, Dawn & Dusk features
- Certification: UL, TUV

SOLAR STREET LIGHT
- Range: 20W - 120W
- Available in dual & single fixture, reflective technology design, high efficient charger with dual to dawn features
- Supplied as ready to use kit
- Certification: UL, TUV

SOLAR WATER PUMP
- Range: 1HP - 10HP
- Proven motor & pump, German technology for long-term reliability, ideal for remote area, MPPT for maximizing efficiency of input power, Soft start technology
- Certification: Standard Certifications

FOCUS + SECURITY SYSTEM
- HDVR, TVR & NVR: 4Ch - 64Ch, CCD Camera up to 5MP
- Remote monitoring by remote S/W & Smart Phone, Intelligent Dual stream recording, Display, Plug & Play
- Latest Technology
- Indoor & Outdoor HD camera in many designs
- Certification: CE, ROHS, FCC, IP66

FOCUS + SOLAR SECURITY SYSTEM
- Range: 4 - 64 Channel
- Plug and Play kit for no power to uninterrupted power supply through inbuilt 0 - 100% solar dependency
- Latest Technology
- Advanced H264 technology for max. record time, support multiple displays, instant back up, remote monitoring system & mobile application
- Certification: CE, ROHS, FCC, IP66

SOLAR MOUNTING STRUCTURE
- Range: 1KW - 1MW
- Type: Roof & Ground mounting
- Compatible to mount to any module type, Modular structure suitable for any system size, Corrosion resistance by using anodised Aluminium, Stable under extreme weather condition.

www.powernsun.com
HAWK EV VRLA BATTERY
- Range: 12AH - 200AH/12V
- Unique Grid alloy for more cycles, Low self-discharge rate, Improved AGM separator, Double sealing technics (Mechanical & Epoxy)
- Premium Brand, Highest selling in Europe & US
- Preferred Brand for international UPS & Inverter companies
- Certification: CE, UL, IEC60894-21/22, DIN43539-TS

HAWK OPZV VRLA BATTERY
- Range: 45AH - 3000AH
- Available in voltage range 2V/12V, High charge acceptance performance, Good deep discharge recovery performance, High cycle life 2000 at 80% DOD & 6000 AT 25% DOD, suitable for Telecom, Photovoltaic/wind energy & UPS
- Premium Brand, Highest selling in Europe & US
- Preferred Brand for international UPS & Inverter companies
- Certification: CE, UL IEC60894-21/22, DIN43539-TS

HAWK LEAD ACID TUBULAR BATTERY
- Range: 100AH - 200AH
- Extremely high purity, Easy maintenance with level indicator, Ideal for long duration & frequent power cut area, Low antimony alloy used
- Certification CE, UL IEC60894-21/22, DIN43539-TS

HAWK VRLA BATTERY
- Range: 7AH - 200AH/12V
- High performance AGM separator, sealed & maintenance free, excellent cycle life, useful for Electric bike, wheelchair, Golf car

ZING LITHIUM ION BATTERY
- Range: 3.2V - 48V & 4.5Amp to 100Amp
- Available in cell and battery form, Long cycle life, Quick charge by high charging current, Great performance at low & high temperature, Environmental friendly
- Suitable for energy storage & Power Bank
- Insurance cover
- Certification: TUV, IEC62133, ROHS

VOLTAGE STABILIZER
- Range AC Stabilizers: 90V - 300V in 12 - 15Amp, up to 2Ton AC
- Range Main Line Stabilizers: 120 - 300V in 9 - 30Amp
- Low & High voltage cut-off protection, Built-in Thermal over load protection, intelligent time delay system, latest IC technology & wall mounting design
- Digital meter, cost effective, Performance in wide input voltage range, compatible with regular and inverter AC’s
- Certification: Standard Certifications

PULSAR MPPT CHARGE CONTROLLER
- Range: 12V - 360V/10-20-30-40-60Amp
- Automatic battery detection, remove build-up sulphate to increase battery life, reverse protection, high voltage & current protection, DC load option
- Certification: CE, ROHS

SOLAR PROJECT
Rooftop solar solutions and IPP projects up to 1MW

SUPERVISION, INSTALLATION & SERVICE SUPPORT
HIGH RATED INVERTER, UPS & SOLAR PROJECTS
For high capacity Inverter, UPS & Solar project

www.powernsun.com
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**SOLUTION**
- Online Support
- Quick & Easy Availability
- Training & Service
- Choice of Technology
- Membership Discount

**SUPPLY**
- FOCUS ONLINE UPS
- PULSAR COMMERCIAL UPS/INVERTER
- FOCUS ON-GRID INVERTER
- HAWK SOLAR SMART GENERATOR
- PV CONNECTOR
- SOLAR WATER PUMP
- FOCUS + SECURITY SYSTEM
- HAWK OPZV VRLA BATTERY
- VOLTAGE STABILIZER

**SOLAR PROJECT**
- FOCUS Li UPS
- PULSAR Solar PUC
- POLARIS OFF-GRID INVERTER
- SUNBEAM SOLAR PANEL
- SOLAR STREET LIGHT INTEGRATED
- PNS DC PORTABLE FRIDGE/FREEZER
- PNS ENERGY SAVING SOLAR REFRIGERATOR
- ZING LITHIUM ION BATTERY
- HAWK EV VRLA BATTERY
- INDUSTRIAL INVERTER

**SYSTEM**
- FOCUS + SECURITY SYSTEM
- SOLAR MOUNTING STRUCTURE
- HAWK VRLA BATTERY
- HAWK LEAD ACID TUBULAR BATTERY
- SUPERVISION, INSTALLATION & SERVICE
GET IN TOUCH

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The content of this brochure is only for information purposes, for further details please contact us.