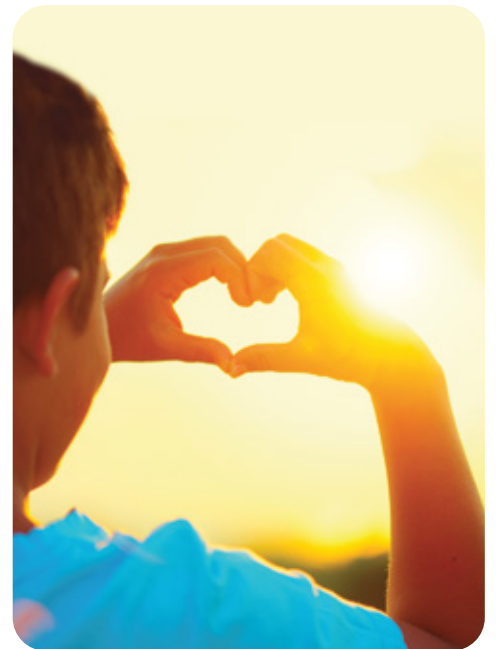


**FOR BRIGHTER
DAYS AHEAD**

POWERSUN.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

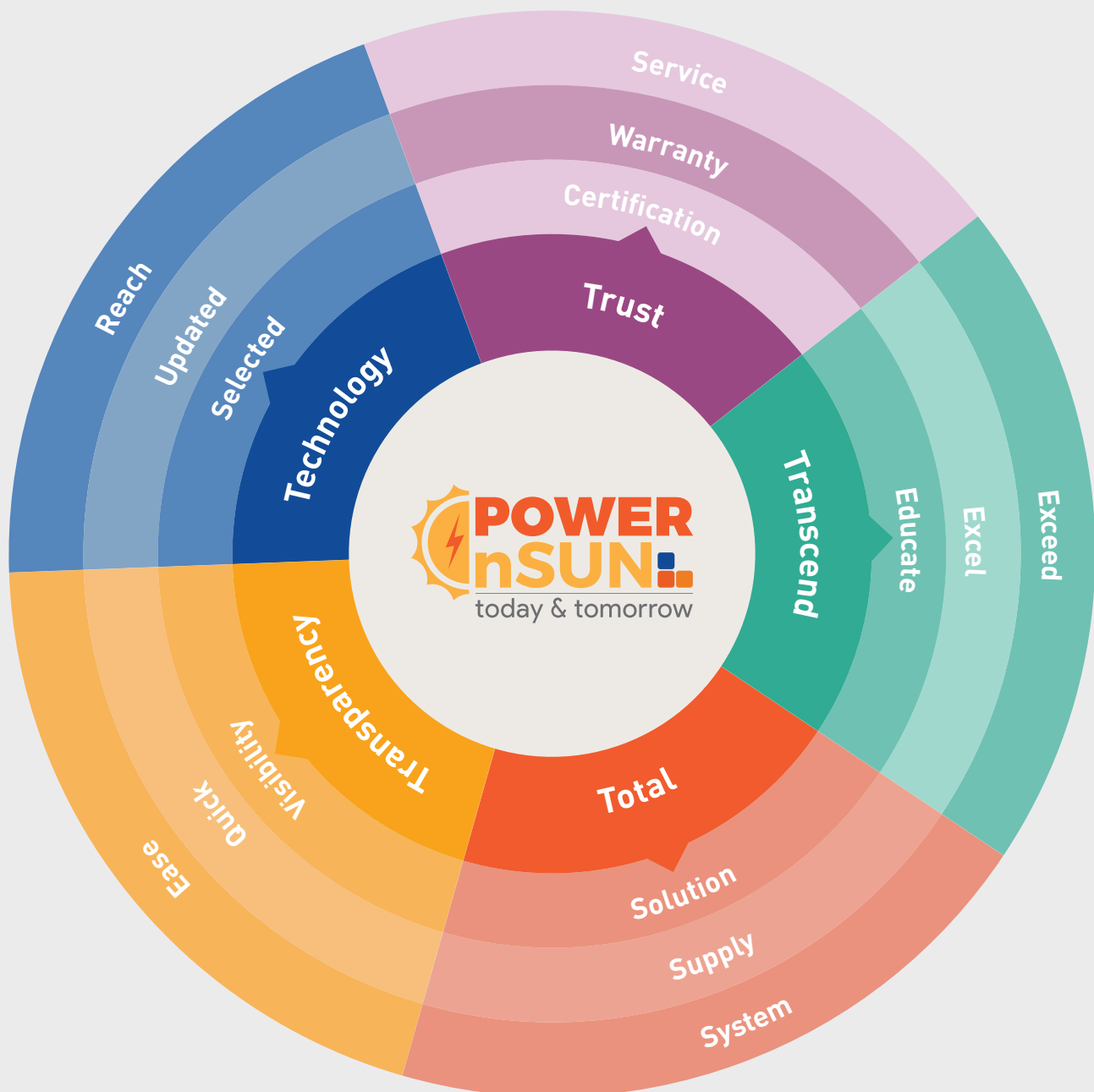
POWERnSUN has established operations across India, Middle East & African continent providing complete power and solar energy systems, supplies and solutions.



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.





01



FOCUS ONLINE UPS

- Range: 1KVA - 10KVA
- True online Double Conversion, High Output power factor at 0.9PF, Time display on the LCD, Powerful charger, Input phase & Neutral reversed alarm
- Certification: IEC/EN62040-2; CE

02



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

03



FOCUS LI UPS

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

04



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

05



PULSAR 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

06



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

07



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 & MCBs
- Certification: CE, ROHS

08



INDUSTRIAL INVERTER

- Range: 10KVA - 500KVA
- Pure sine wave output runs heavy duty appliances, Built-in isolation transformer
- Lightning & Phase reversal protections, DSP technology, Robust design, Cold start technology
- Certificate: IEC/EN62040-2, CE

09



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



10



SOLAR COMBO PACK

- Range: 1KW - 45KW
- Cost-effective solution for Home, Commercial & Industrial application
- PnS combo packs - pre-designed & pre-assembled kits
- Standard certifications

11



POLARIS OFF-GRID INVERTER

- Range: 1KW - 45KW
- Built-in MPPT solar charge controller, Pure sine wave inverter, Selectable charging current option, Compatible to mains or Generator, Optional remote panel
- Certification: CE, UL, TUV, ROHS, EN62109-1:2010, EN62109-2:2011

12



POLARIS HYBRID INVERTER WITH ENERGY BANK

- Range: 1KW - 45KW
- Pure sine wave output, Programmable priority for PV, Battery or grid, Self-consumption & feed-in to the grid, Monitoring software
- Certification: CE, UL, TUV, EN62109-1:2010, EN62109-2:2011

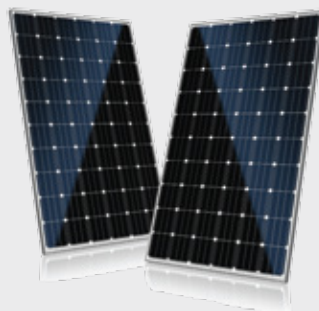
13



HAWK SOLAR SMART GENERATOR

- Range: 12V
- Compact & independent solution for Small DC Applications
- DSP controller to for prolong the battery life & back up time, battery could be recharged 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
- Certification: CE, UL, IEC60896-21/22

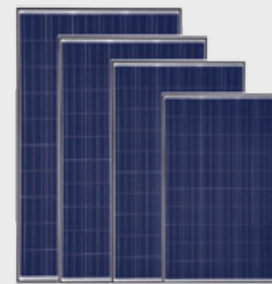
14



BENQ HIGH EFFICIENCY SOLAR PANEL

- Range: 250Wp - 335Wp
- High module efficiency $\geq 20\%$, 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

15



SUNBEAM SOLAR PANEL

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

16



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

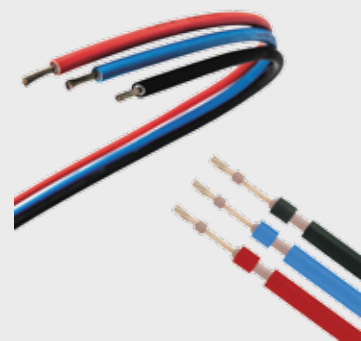
17



PV COMBINER BOX

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

18



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



19



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

20



SOLAR STREET LIGHT

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

21



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

22



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
- Certification: CE, EN61000-3:2014, EN55014-2:2015

23



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
- Certification: CE, EN61000-3:2014, EN55014-2:2015

24



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
- Certification: CE, EN61000-3:2014, EN55014-2:2015

25



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 cameras in many designs
- Certification: CE, ROHS, FCC, IP66

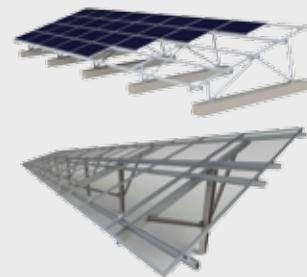
26



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

27



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.



28



HAWK VRLA BATTERY

- Range: 7AH - 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, IEC60896-21/22, DIN43539-T5

29



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 IEC60896-21/22, DIN43539-T5

30



ZING LITHIUM ION BATTERY

- Range: 3.2V - 48V & 4.5Amp to 1000Amp
- 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

31



HAWK EV VRLA BATTERY

- Range: 12AH - 200AH/12V
- High performance AGM separator, sealed & maintenance free, excellent cycle life, useful for Electric bike, wheelchair, Golf car
- Certification: UL, CE, GB/T 22199-2008, GB/T 23636-2009

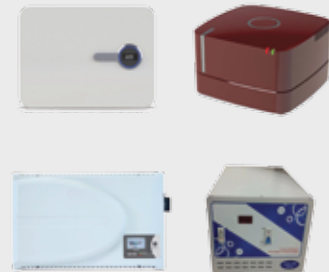
32



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, IEC60896-21/22, DIN43539-T5

33



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 volt meter, cost effective, Performed in wide input voltage range, compatible with regular and inverter AC's
- Certification: Standard Certifications

34



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

35



SOLAR PROJECT

Rooftop solar solutions and IPP projects up to 1MW

36



SUPERVISION, INSTALLATION & SERVICE

For high capacity Inverter, UPS & Solar project

FOCUS ONLINE UPS	FOCUS ONLINE UPS HIGH CAPACITY	FOCUS LI UPS	PULSAR HOME UPS
PULSAR COMMERCIAL UPS/INVERTER	FOCUS SOHO INVERTER	PULSAR SOLAR PCU	PULSAR MPPT CHARGE CONTROLLER
FOCUS ON-GRID INVERTER	SOLAR COMBO PACK	POLARIS OFF-GRID INVERTER	POLARIS HYBRID INVERTER WITH ENERGY BANK
HAWK SOLAR SMART GENERATOR	BENQ HIGH EFFICIENCY SOLAR PANEL	SUNBEAM SOLAR PANEL	SOLAR CABLE
PV CONNECTOR	PV COMBINER BOX	SOLAR STREET LIGHT INTEGRATED	SOLAR STREET LIGHT
SOLAR WATER PUMP	PNS DC PORTABLE FRIDGE/FREEZER	PNS ENERGY SAVING SOLAR REFRIGERATOR	PNS ULTRA ENERGY SAVING SOLAR FREEZER
FOCUS + SECURITY SYSTEM	FOCUS + SOLAR SECURITY SYSTEM	SOLAR MOUNTING STRUCTURE	HAWK VRLA BATTERY
HAWK OPZV VRLA BATTERY	ZING LITHIUM ION BATTERY	HAWK EV VRLA BATTERY	HAWK LEAD ACID TUBULAR BATTERY
VOLTAGE STABILIZER	INDUSTRIAL INVERTER	SOLAR PROJECT	SUPERVISION, INSTALLATION & SERVICE

- Residential
- Commercial
- Industrial



SOLUTION

SUPPLY

SYSTEM



Online Support



Quick & Easy Availability



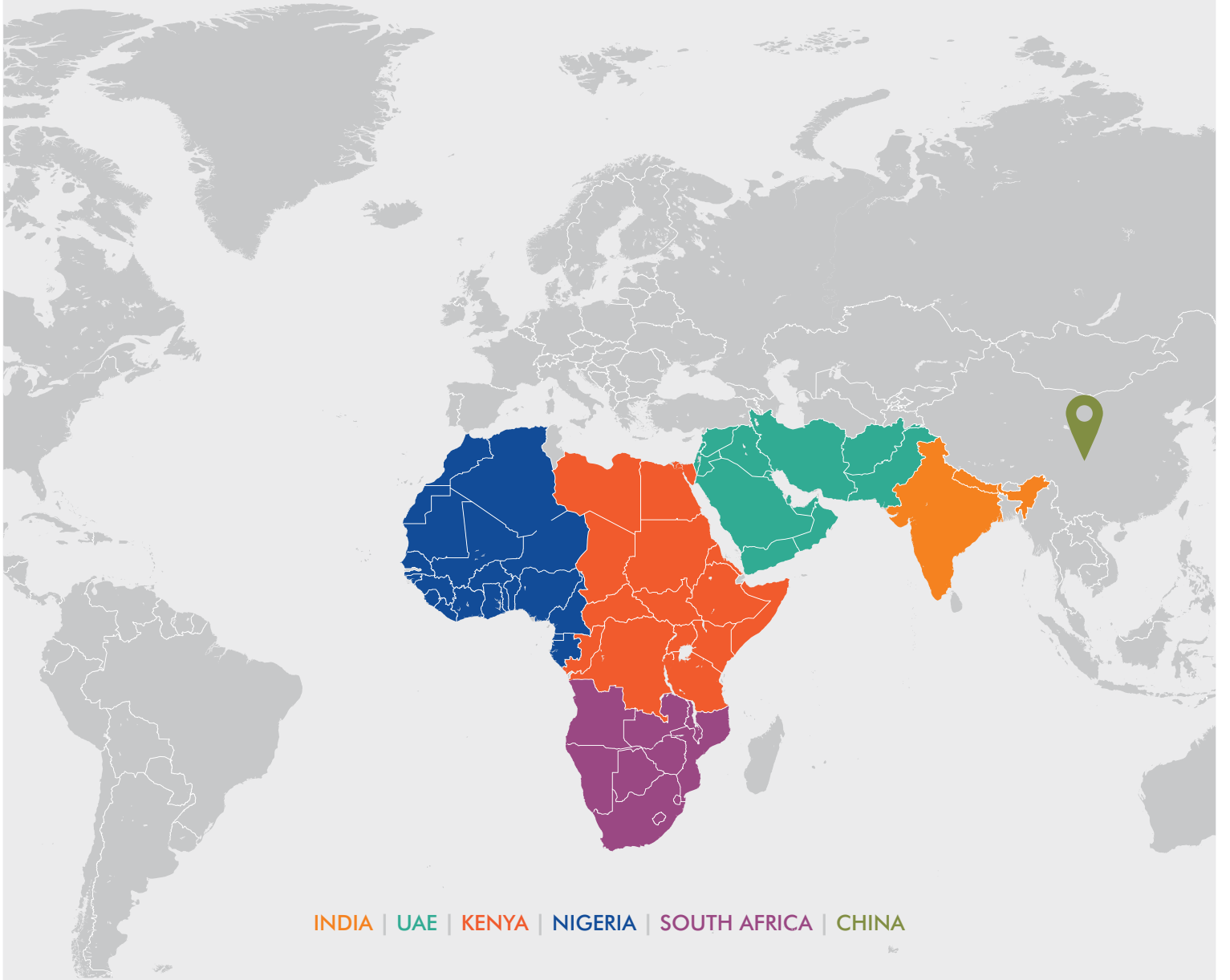
Training & Service



Choice of Technology



Membership Discount



INDIA | UAE | KENYA | NIGERIA | SOUTH AFRICA | CHINA

GET IN TOUCH

HEAD OFFICE
SUITE NO.2212 JULPHAR OFFICE TOWERS,
RAS AL KHAIMAH, UNITED ARAB EMIRATES

+971 7 2338845
INFO@POWERNSUN.COM



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