



Product Portfolio

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DIGITAL HOME UPS



100VA/12V Pico



250VA/12V Micron



400VA/12V Frendy

Prominent Attributes

- Portable
- Great Power Saver
- Automatic low battery protection.
- Smart Overload & Short Circuit Protection
- Fuzzy Logic Control Technology
- Micro Controller Based Digital Technology



650VA/12V Shark



850VA/12V Shark



1500VA/24V Shark

Prominent Attributes

- Slider Switch Technology: Unique battery selections switch to select the battery type – Tubular, SMF or LA for optimal charging and increased battery life
- 30% faster charging for Tubular and SMF batteries, 10% faster charging for LA compared to other Inverters
- Better Charging Technology using AITM (Artificial Intelligence Trickle Mechanism) for intelligent charging and increased battery life compared to other Inverters
- Sophisticated circuitry and chassis design



600VA/12V Sonic



800VA/12V Cosmic



1400VA/24V Trusty

Prominent Attributes

- Micro Controller-based
- Runs the personal computer and act as power back-up for the home
- Provides extra long back-up to the personal computer
- Instant switchover: for the computer to run uninterrupted during power cuts, without rebooting.
- User friendly display of alerts
- LED display
- Space saver -ideal for modern day household.
- Choice of various aesthetically designed models.



- **650VA/12V Astrix**

Prominent Attributes

- Micro Controller-based Digital Technology using MOSFETs
- Very Fast Change Overtime
- Run your Computer with other IT Equipments like Printer, Modem, Router etc.
- Extra Long Back-up for Computer as Compared to Ordinary UPS
- Fuzzy Logic Control Based Battery Charger Technology
- Reduces Frequency of Water Topping and Enhances Battery Life
- Smart Overload and Short Circuit Protection with Auto rest
- Automatic Low Battery Protection
- Great Power Saving

PURE SINE WAVE HOME UPS



Sturdy 600VA/12V



Falcon 800VA/12V



Smiley 1400VA/24V

Prominent Attributes

- High surge withstand capability (Up to 300%)
- Provides pure sine wave output (100% pure)- purer than power from grid
- Instant switchover: for the computer to run uninterrupted during power cuts, without rebooting.
- Provides extra long back-up for computers
- Space Saver - ideal for modern day households.
- User friendly display of alerts
- Choice of various aesthetically designed models.
- Option of castor wheel mounted trolley for easy movement.
- Option of LED or LCD display
- Saves 40% electricity bill as compared to square wave inverter
- Incorporates smart overload sensing and short-circuit protection with auto reset.



Matrix

- **Matrix 600VA/12V**
- **Matrix 800VA/12V**
- **Matrix 1400VA/24V**

Prominent Attributes

- Sine Wave Output.
- Built in Sealed Maintenance Free (SMF) battery.
- Fuzzy Logic Control -A Unique & Advance Technology.
- Smart Overload Sense and Short Circuit Protection.
- User friendly Graphical LED Display.
- Automatic Low Battery Cutout.
- Smart SMPS based fast Battery Charger with Automatic Power Factor Correction.
- Instant Switch -over to Protect Sensitive Appliances.
- Battery Lasts 50% Longer than Ordinary Battery.
- Future Expandability Passable.
- Automatic No Load Shut Down.

COMMERCIAL UPS



Fusion Series

- 2.5kVA/48V
- 3.5kVA/48V

Prominent Attributes

- High surge withstand capability (Up to 300%)
- Provides pure sine wave output (100% pure)- purer than power from grid
- Instant switch-over: for the computer to run uninterrupted during power cuts, without rebooting
- Provides extra long back-up for computers
- Space Saver - ideal for modern day households
- User friendly display of alerts
- Option of castor wheel mounted for easy movement
- Option of LED display
- Saves 40% electricity bill as compared to square wave inverter

HIGH CAPACITY INVERTER

Colossal Series (1P-1P)



- 5kVA/48V
- 5kVA/96V



7.5kVA/120 V



10KVA/180 V

Colossal Series (3P-3P)



- 10kVA/360V
- 15kVA/360V
- 25kVA/360V
- 30kVA/360V
- 40kVA/360V
- 50kVA/360V
- 65kVA/360V
- 80kVA/360V
- 100kVA/360V

Prominent Attributes

- Pure Sine Wave Output produces clean power.
- Runs heavy duty appliances/equipments.

- Auto self test on LCD Panel (buzzer test, fan test, input and output supply, battery status)
- Free of spikes and surges.
- Built in Galvanic Isolation Transformer.
- Cold start.
- Fuzzy logic controlled battery charging.
- Low running cost.
- Smart short circuit and overload protection.
- Running efficiency of more than 92%.

PETROL PUMP INVERTER



- 5kW/24V

Prominent Attributes

- Micro-Controller Based PWM Technology Using MOSFETs.
- High Peak Power Handling Capability.
- Built in Battery Equalizer.
- Active Equalization Technique Based on Flash Micro-Controller.
- Extended Backup, Battery Capacity and life.
- FUZZY Logic Control-a Unique and Advanced Technology which Protects the Battery.
- Reduces Frequency of Water Topping and Enhances Battery Life.
- Great Power Saving.
- High and Low Input Voltage Protection.
- User Friendly Graphical Display.

TELECOM INVERTER



5kVA/96V



10kVA /240V



15kVA/360V



20kVA/360V

Prominent Attributes

- Designed using world's most advanced DSP Sine Wave Technology.
- Designed for heavy duty Telecom Applications.
- Regulated 3 Phase Output.
- User friendly LCD panel.
- Smart Overload & Short circuit protection.
- Automatic protection for high and low voltage.
- Smart Thermal Management.
- Great power saving.
- Field settable heavy duty charger (2A-20A) for all capacity of battery.
- Remote monitoring & control of inverter (optional).
- Potential free contacts (PFC) for monitoring of inverter.
- Generator control by inverter.

LIFT INVERTER



- 2.5kVA/48V
- 3.5kVA/48V



- 5kVA/180V



- 7.5kVA/180V
- 10kVA/180V



- 15kVA/180V
- 20kVA/180V

Prominent Attributes

- Heavy Duty Inverters for Lift Applications
- High Inrush capability to handle Lift during Startup
- Backup Time from 30 Minutes to 10 Hours
- Generator Control Facility inbuilt
- Inbuilt rescue mode during power failure
- Remote Monitoring through Web

- Pure Sine Wave Output produces clean power.
- Runs heavy duty appliances/equipments.
- User friendly display and operation.
- Auto self test on LCD Panel (buzzer test, fan test, input and output supply, battery status)
- Free of spikes and surges.
- Scalable runtime.
- Built in Galvanic Isolation Transformer.
- Cold start.
- Fuzzy logic controlled battery charging.
- Power monitoring software with Power Audit features.
- Low running cost.
- Smart short circuit and overload protection.
- Running efficiency of more than 92%.

FUEL CELL INVERTER



- 5kVA/48V

Prominent Attributes

- High efficiency Inverters
- Fuel Cell compatible
- High Inrush capability to handle Telecom Air Conditioners
- Remote Monitoring through Web
- Based on IGBT technology Pure Sine Wave Output-produces clean power.
- Plastic front body results in sleek look, more reliability and less service.
- Less vibration due to non electronic interference.
- Supported with castor wheels for easy movement.
- Automatically switches to battery mode during power cut.
- User friendly display and operation.
- Auto self test on LCD Panel (buzzer test, fan test, input and output supply, battery status)
- Free of spikes and surges.
- Scalable runtime.
- Built in Galvanic Isolation Transformer.
- Cold start.
- Fuzzy logic controlled battery charging.
- Exclusively designed for Telecom sector.

LINE INTERACTIVE UPS



Digital UPS

- 600VA/12V
- 850VA/12V
- 1250VA/24V
- 1500VA/24V

Prominent Attributes

- Micro-controller based PWM technology using MOSFET
- Pure output to run PC with other appliances efficiently and noiselessly.
- A highly advanced Self-Start Automatic Voltage Regulator (AVR).
- Wide input AVR range and narrow output window
- Change-Over with Phase Synchronization
- Smart SMPS based battery charger with automatic power factor correction.
- Cold Start capable
- No load shutdown at battery mode
- RS232 interface for UPS monitoring
- Inbuilt Mobile charger (800VA to 1000VA)
- Intelligent thermal management
- Software Controlled Double Protection for Overload and Short Circuit
- A highly sophisticated Pulse Charge
- Battery deep discharge protection
- User friendly display & Audible alarms
- Future upgradeability

ONLINE UPS



Intelli Q (1Ø in-1Ø Out)

- 1kVA/48V
- 2kVA/180V
- 3kVA/180V
- 5kVA/180V
- 7.5kVA/192V
- 10kVA/192V



Intelli Q (3Ø In-1Ø Out)

- 15kVA/360V
- 20kVA/360V
- 25kVA/360V

Prominent Attributes

- Pure Sine Wave Output- reliable regulated and constant.
- Built -in Galvanic isolation Transformer to isolate all power problems that arise from main supply
- Operation even on Input Phase reversal.
- User friendly operation and display with auto self test on LCD Panel
- Web based UPS Monitoring Software
- Fuzzy logic controlled battery charging
- Software Controlled Overload and short circuit protection.
- Battery deep discharge protection.
- An Extra Wide Input Voltage Control
- Audible warning alarms
- Lightning and surge protection



- (3 ϕ In-3 ϕ Out)
• 10kVA to 120kVA



- (3 ϕ In-3 ϕ Out)
• 100kVA to 400kVA

Prominent Attributes

- Supreme power Protection
- Removes problems over the source
- Flexibility over the connectivity with a wide range IT and industrial applications
- Battery care system: Maximum lifetime potential
- Easy installation
- Compact design
- Advanced compatibility with TeleGuard for remote maintenance
- Zero impact source: less input current distortion
- Maximum reliability and availability
- Low management cost

**Sinclair-I Series**

- **1kVA/36V**
- **2kVA/96V**
- **3kVA/96V**
- **6kVA/240V**
- **10kVA/240V**

Prominent Attributes

- Internal & External Batteries
- Parallel Redundancy in 6KVA & 10KVA Sinclair-i UPS
- DSP based High frequency design using latest IGBT guarantees high reliability.
- Active power factor correction with input power factor > 0.98 .
- High efficiency in both Mains Mode & Battery Mode.
- Extra Wide Input Voltage Window.
- Noiseless operation.
- SMPS Based Charger.
- High-Inrush current handling capacity.
- Multiple protection features to ensure load safety.
- User friendly LCD display.

SOLAR PHOTOVOLTAIC PANEL



- 3W
- 5W
- 10W
- 20W
- 40W
- 50W
- 80W
- 100W
- 120W
- 150W
- 200W
- 220W
- 230W
- 240W
- 250W
- 260W

Prominent Attributes

- Strong modules as we use 4.0 mm glass instead of 3.2 mm which is normally used
- High efficiency monocrystalline silicon solar cells connected in series
- Solar cells laminated between UV resistant polymer (EVA) and high transmission toughened glass surface
- Rugged weather-proof nylon terminal box for outputs connections
- Anodized aluminum frame provides structural support for mounting and shock resistance
- Manufactures to stringent quantity standards and tested to withstand adverse environmental conditions
- Su-Kam brand Photovoltaic modules are Globally approved

GRID-CONNECTED PHOTOVOLTAIC INVERTER



- 2000W
- 3000W
- 4000W
- 5000W

Prominent Attributes

- Two Built-in Independent MPPT Boosters to increase overall efficiency.
- Cooling System to ensure quiet operation.
- Compact Size, Light Weight.
- Up to 96% high conversion efficiency.
- Advance DSP Control Technology delivers accurate data.
- Ease of Installation to Save Time and Money.
- User friendly LCD Display.
- Higher MTBF Components Used.
- IP65 Cabinets for both Indoor and Outdoor Applications.
- Global Certifications.
- Monitoring Software to offer operational status and electricity generated data (Optional).

SOLAR HIGH FREQUENCY-STAND ALONE INVERTER

- 100W/12V
- 300W/12V
- 400W/24V
- 500W/24V
- 750W/24V
- 1000W/24V
- 1.6kW/48V
- 2kW/48V

Prominent Attributes

- Pure Sine Wave Output with low Total Harmonic Distortion (THD).
- High End Microcontroller based design.
- High Efficiency & High reliability.
- Pulse by pulse current limiting with auto-reset resulting in efficient overload and short circuit protection.
- Battery pole reversal protection & battery deep discharge protection.
- High surge capability (upto 300%) for starting heavy load.
- Noiseless in operation.
- User- friendly display.
- Grid charging available in related models.

SOLAR SINE WAVE INVERTERS



3kW to 500kW

Prominent Attributes

- DSP Based Design.
- Pure Sine Wave Output with low Total Harmonic Distortion (THD).
- High End Microcontroller based design.
- High Efficiency & High reliability.
- Pulse by pulse current limiting with auto-reset resulting in efficient overload and short circuit protection.
- Battery pole reversal protection & battery deep discharge protection.
- High surge capability (up to 300%) for starting heavy load.
- Noiseless in operation.
- User- friendly display.
- Peak efficiency > 90% hybrid option available.

SOLAR CHARGE CONTROLLERS



3A to 60A (12V to 360V)

Prominent Attributes

- Intelligent Micro-controller Based Control
- Silent, Solid State Pulse Width Modulation (PWM) Charging Process with Three Stage Control
- Field Adjustment of Charge Set Points is provided by Rotary control Potentiometer. Test Point allows Precise Adjustment of Settings.
- Electronic Over Current Protection
- LED Indication are Provided for easy Monitoring of the System.
- Protection against Short Circuit, Output Over & Under Voltage.
- Series Regulator, Common Positive.
- Intelligent Load Controller.

SOLAR POWER CONDITIONING UNIT



600VA-1000VA



2kVA-6kVA

Prominent Attributes

- Pure Sine Wave
- Pure Sine Wave Output with low Total Harmonic Distortion (THD).
- High Surge handling capacity.
- High Efficiency & High reliability.
- Thermal protection.
- High surge capability (up to 300%) for starting heavy load.
- Noiseless in operation.
- User- friendly display.

SOLAR PHOTOVOLTAIC HOME LIGHTING SYSTEM



Prominent Attributes

- Compact, Long Back-up Lighting System.
- 2 Light & Radio can run continuously up to 15 hrs, one light for more than 3 days
- Inbuilt 4.5Ah SMF battery
- 5 Watt Solar panel
- Silent, Solid-State Constant Voltage Charging Process with Two Stage Control.
- Electronic Short Circuit Protection.
- LED Indications are provided for easy Monitoring of the system.
- Protection against Short Circuit, Output Over & Under Voltage.
- Series Regulator, Common Negative.
- Intelligent Load Controller.
- Radio/Mobile Charger with Supply (5V).

Package:

- 2 Light Lamps of LED Luminaries
- 1 Solar Panel
- External Charger
- 1 Charge Controller (inbuilt)
- SMF Battery (inbuilt)

SOLAR STREET LIGHTING SYSTEM



Prominent Attributes

- Customized Wattage & Brightness
- Standalone System
- LED Lamp
- Solar PV array
- Battery
- Solar Power coupled with energy efficient luminaries makes it double environment friendly.

THERMOSIPHON SOLAR WATER HEATER



- 100 Lt
- 150Lt
- 200Lt
- 300Lt

Prominent Attributes

- Easy installation
- High Efficiency solar collector
- Cut out your electricity bill
- Cost effective and reliable
- Simple structure
- Superior heat preservation insured by one of molding polyurethane foaming

SPLIT SYSTEM SOLAR WATER HEATER



- 100Lt
- 150Lt
- 200Lt
- 300Lt
- 500Lt
- 700Lt

Prominent Attributes

- No disorder water tank on your roof
- Anti-freezing technology, perfect for cold climate
- The perfect solar collector for domestic hot water heating system can be combined with existing energy source, such as your gas water heater, electric water heater, boiler, etc.
- Auxiliary heating device
- No water inside the tubes, the system can still in service even with several tubes breakage
- Completely automatic
- Cut out your electricity bill

SEALED MINTENANCE FREE (SMF) BATTERIES



Sealed Maintenance Free (SMF) Batteries

- 4.5 Ah
- 7.2 Ah
- 18 Ah
- 28 Ah
- 50 Ah
- 70 Ah
- 100 Ah
- 120 Ah
- 135 Ah
- 150 Ah
- 165 Ah
- 180 Ah
- 200 Ah

Prominent Attributes

- Pollution Free - Safeguards Health
- Sealed and Maintenance-free Operation
- Leak proof construction (Non spill able)
- High Quality and High Reliability
- Safe to Handle, Usable in any position
- No water topping required
- Exceptional Deep Discharge Recovery
- Low Self-discharge
- Long Service Life
- Computer-aided Design and Manufacturing

MAINTENANCE FREE AUTOMOTIVE BATTERIES



- 12v 32 Ah
- 12v 35 Ah
- 12v 40 Ah
- 12v 45 Ah
- 12v 50 Ah
- 12v 60 Ah
- 12v 65 Ah
- 12v 65 Ah
- 12v 70 Ah
- 12v 75 Ah
- 12v 80 Ah
- 12v 100 Ah
- 12v 120 Ah
- 12v 150 Ah
- 12v 150 Ah
- 12v 180 Ah

WIZ - Prominent Attributes

- Ca Ca Technology - Better cranking for 'Instant start' and 'Trouble free performance' every time.
 - Water conserving technology - Extra Electrolyte ensures battery runs cooler reducing water loss. No hassles of water topping up.
 - Low Discharge Technology - Much longer shelf life than ordinary batteries.
 - Magic Eye Indication for easier preventive maintenance
 - Indicates the state of charge of battery, enhancing protection against unexpected battery failure. Safe and easy preventive maintenance.
- Green** - Battery fully charged, ready to use.
- Red** - Battery needs charging
- White** - Battery needs water topping
- Ease of Handling - Due to robust handle provided on the top of container.
 - Recyclable - Environment friendly, greener earth for future generations

TUBULAR BATTERIES



- 150 Ah
- 180 Ah
- 200 Ah

Prominent Attributes

- Unique tubular positive plates designed for longer life.
- Superior active material & Special alloy used for low maintenance of the battery.
- Plate designed with special additives to get quick recovery from deep discharge.
- Float guide vent plug for electrolyte level indication.

LEAD ACID (FLOODED) BATTERIES



- 65Ah
- 80Ah
- 120Ah
- 135 Ah
- 150 Ah
- 165 Ah
- 200 Ah

Prominent Attributes

- Perfect Match for your Inverter & UPS Systems
- Performs under extreme conditions
- Withstands Deep Discharge and Overcharge
- Excellent protection against leakage and corrosion
- Strong Containers/Covers
- Intercell Welding reduces chances of accidental short-circuiting of cells.
- Special Lead Alloy Composition
- Excellent charge acceptance
- Large electrolyte volume
- Micro porous PVC Separators
- Option of Ceramic Vent Plugs

VRLA-AGM 2V SERIES

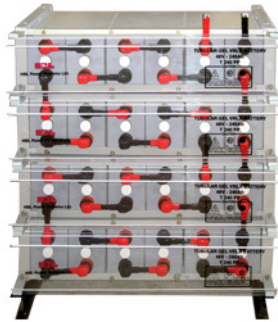


- 250 Ah to 3500Ah

Prominent Attributes

- Does not require water top-up throughout its life
- No corrosive fumes and hence no special battery rooms are required
- Stackable design minimizes space requirements
- Designed for high integrity & long life
- Application specific designs
- Customized layouts for optimum space utilization
- Safe-Explosion-proof, leak-proof & flame-retardant material
- Consistent performance over life time
- Improved aesthetics
- Easy installation

TUBULAR GEL VRLA BATTERIES



- 40 Ah to 4000h

Prominent Attributes

- Pressure die-cast spine grids - Longer float life
- Very good cycling capability required for Indian conditions
- Gelled Electrolyte - Very good heat dissipation suitable for out - door installation
- Antimony - free alloy - Long shelf life
- Valve regulated - No water additions during service life
- 100% capacity on first discharge
- Ready to install
- Safe and economical transportation
- Can be mounted both in horizontal and Vertical orientation
- Ideal for Solar powered telecom installations.

POWER-DOC**6AMP****16 AMP****Prominent Attributes**

- freedom from power instability, Increases efficiency and Insurance against power fluctuation
- Small size light weight and portable
- Rescues electrical appliance from break-down
- Microprocessor Chip Based Technology
- Cost of Power-Doc negligible compared to Voltage Stabilizer Zero Voltage Switching (ZVS), Voltage Cut-Off Display (VCD).
- Zero Power Consumption (ZPC):Energy consumption reduced by 11.5%
- On-Screen Display (OSD) Technology: Displays voltage cut-off
- Displays voltage supply - Auto Restoration
- Universal Plug-in: Adaptable to American plug - 2/3 Flat Pin, UK plug - BS1363, Indian plug - Round Pin BS 546.
- Wide operating range at 110V and 220V

BATTERY EQUALIZERS



- 2V to 8V
- 12V to 48V

Prominent Attributes

- Active equalization technique based on flash micro-controller.
- Reduces the battery replacement which again greatly reduces the cost.
- Easy to install with batteries connected in series.
- Suitable for N numbers of batteries by utilizing multiple units together.
- Operates in all three modes: battery charging, discharging or in idle mode.
- Appropriate for Gel, Sealed and AGM Lead Acid batteries.
- Works with conventional flooded lead acid batteries and SMF batteries.
- Extends battery life and run time.
- Prevents over and under charge due to battery imbalance

BATTERY CHARGERS



- 12V/10A
- 24V/10A
- 48V/10A
- 270V/10A

Prominent Attributes

- Switching mode control (SMPS) based design.
- Charges batteries with constant voltage constant current.
- Protection against the reverse polarity of battery.
- Automatic over current limit.
- Alphanumeric LCD panel for user-friendly interface for 48V systems and LED display for 12V and 24V systems.
- SMPS based Constant Current Constant Voltage Charger Working at 50KHZ.
- User friendly operation and High efficiency
- Covered terminal block with screw terminals for safe and easy connection.
- Over voltage, under voltage and over current protection.
- Easy battery connection with clip leads.
- Intelligent Thermal Management.

STACKABLE TROLLEY



Single Trolley - Chetak



Double Trolley- Knight

Prominent Attributes

- **X-TRA Durable**
Made of tough, long-lasting material which is not affected by battery leakages/spills.
- **X-TRA Convenient**
Battery slides in and out easily without getting stuck.
- **X-TRA Safe**
Provides good ventilation for battery, at the same time - prevents battery fumes from spreading.
- **X-TRA Ease of Movement**
Thanks to the smooth wheels of Double Trolley.
- **X-TRA Good Looks**
Aesthetically designed, available in various colors to complement the interior of your home/ office
- **X-TRA Space Saving**
Stacks up neatly in a corner, thus taking up less space

STATIC BYPASS SWITCH

Micro-controller based design



- 5kW-10kVA
- 11kVA-25kVA
- 26kVA-50kVA

Prominent Attributes

- Digital Signal Controller based design
- 415 VAC, 50Hz input / output
- Power 5kW-10kVA, 11kVA-25kVA, 26kVA-50kVA
- Provides redundant source for load
- Fast transfer time
- High surge current capability
- Compact and robust design
- User friendly LCD/LED
- Operators with any UPS or power source that has a sine wave output
- RS-232 Communication for monitoring
- Hot swap function of input sources: Servicing of one of the sources can be done without interrupting the power flow to load

POWER QUALITY MONITOR



Prominent Attributes

- Handy Power Quality Monitoring Tool
- Voltage & Frequency Plotting W.R.T. Time
- Waveform Plotting of AC Power Source
- Waveform Comparison with Ideal Waveform

For further detail please visit us on www.su-kam.com

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