


WOW

SU-KAM LAUNCHES
WORLD'S FIRST
SOLAR UPS


BRAINY
— SOLAR HYBRID UPS

TICK TICK TICK. THE TIME FOR RENEWABLE ENERGY SOURCE HAS ARRIVED.

Global energy consumption is rising at an alarming rate. As coal, gas and fossil fuel are burnt to meet the growing global demands, the need for alternate fuel sources have become a stark reality. Sustainable or renewable energy source is the call of the time and it is time to find a solution.

Solar energy is an alternative energy source that involves harnessing the radiant light & heat energy emitted by the sun and converting it into a more useful form of energy – electrical current by Solar Panels.

Sunlight is a clean, renewable source of energy. It is a sustainable resource, meaning it doesn't run out, the supply can be maintained.





THE ENERGY OF SUN WILL NEVER SET

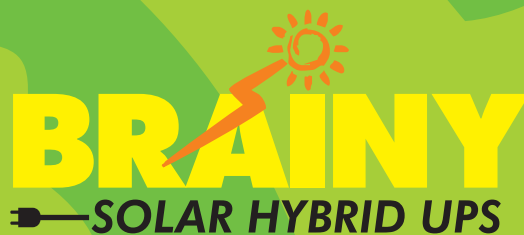
A small fraction of the immense energy emitted by the sun is enough to take care of world's energy requirements if harnessed. This sustainable energy source is being tapped in various parts of the globe for clean and renewable energy

Being abundant, solar energy is the cheapest form of energy that can fuel modern world.

Protect the environment by reducing pollution. Convert to solar power to lower your carbon footprint and enjoy energy independence and security.

Take advantage of the reliable, mature technology with PV modules typically backed by 25 year power-output guarantee.

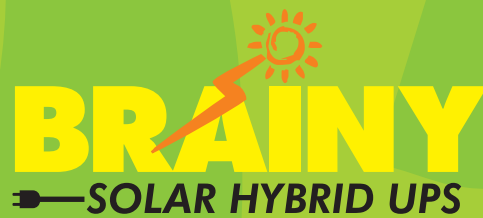
At Su-Kam, we provide a technological basis for a positive energy turnaround and simultaneously for a world that makes life worth living - for everybody, everywhere.



PRESENTING THE WORLD'S FIRST INTELLIGENT SOLAR HYBRID UPS-BRAINY



Capacity 850VA/12V, Integrated SCC rating 15A
(Suitable up to 250Wp @ 16.4 Vm-17Vm, 225Wp @ 14.5-15Vm Solar panels)



THE FUTURE IS HERE

Brainy is a modern artificial intelligent machine with a contemporary look - a first in the power back- up industry which has been introduced by Su-Kam.

Brainy is the world's first hybrid home UPS to harness solar energy into electricity and use its artificial intelligence to maximize utilization of solar energy to power homes.

- Brainy can operate on both Solar Power as well as Grid Power.
- It is integrated with in-built Solar Charge Controller which enables the conversion of solar power to electricity.
- The intelligent machine - The UPS always gives preference to solar power while charging the battery.
- It senses the availability of solar power, grid power and gives charging preference to the solar power charge and only switches to the grid when the solar power is not available.
- It is designed to give you maximum benefit from the sun and minimize your electricity bill.
- In fact, the battery charging from the sun is highly efficient – more than 98%. The result? You get non-stop power, while you save money, save electricity and protect the environment.

Switch on the power of sun.



Su-Kam's Design No. - 230054

SU-KAM OFFERS YOU A COMPLETE PACKAGE

Solar PV Panel - Su-Kam Solar photovoltaic is well established and based on innovative renewable technology which converts sunlight directly into electricity with a solar panel. The power provided is pure direct current (DC) electricity. A clean and environmentally sound means of collecting solar energy.

A trolley named Brainy meets the aesthetics requirement of your home. Needs no screws. It's easy to install and dismantle with shock proof plastic body.

Battery - Su-Kam Power Bank series of Batteries are scientifically built for optimum performance, very long life, and high reliability. These are eminently suitable for a wide range of applications.

The battery that gives you peace of mind.

Solar PV Panel
80W



UPS



Battery



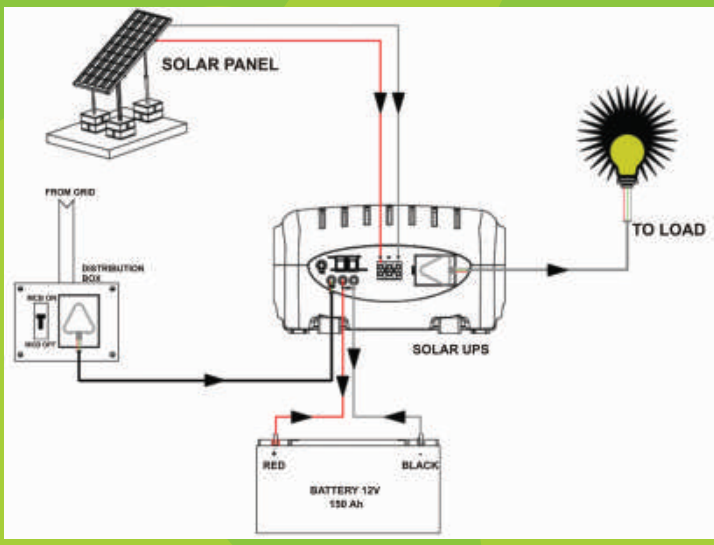
150Ah

Trolley





INSTALLATION DIAGRAM



BRAINY LOAD CHART

Solar UPS 850VA/12V					
Load	A	B	C	D	E
PC	1				
TV			1		
Tube light	3	2	3	4	
Fan	3	2	3	4	
Room Cooler		1			
CFL				2	36

THE BRAINY ADVANTAGES

CONVENIENCE

- Brainy uses both solar power and grid power and shares them to give you an uninterrupted Power supply to your home.
- The futuristic and aesthetic design of Brainy adds to the overall ambience of the room, wherever one places it.
- Affordable pricing to suit everyone's budget.
- Easy system installation.

SCALE UP YOUR NEEDS

Expandable upto 3 x 80 w solar panel





INTELLIGENCE

- Brainy's built-in 'Artificial Intelligence' thinks and chooses the solar power source to give your home a steady power supply.
- During day time, it intelligently uses solar power to simultaneously charge the battery and also run/share the load.
- Brainy's intelligence takes a leap ahead to protect your UPS system as well as your home appliances by automatically shutting down in case of a short circuit/high temperature/overload/battery low and gives visual and audio warning signals in events like overload, mains fuse blown, mains fail etc.

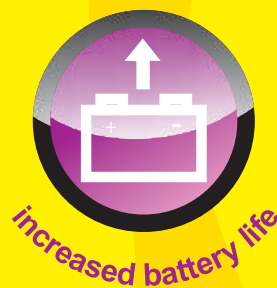


SAVINGS

- Reduced Electricity Bill - The system involves a preferential charging of battery from solar power, hence increased efficiency in charging and substantial reduction in electricity bills.
- Solar power from 'Brainy' is parallelly shared with grid power while running the load which results in more savings.

INCREASED BATTERY LIFE

- Increased Battery Life- Charging battery from solar power increases the battery life by 30% as it is charged by pure DC power, hence extended time in usage of the battery than the normal life of the battery.
- Charging battery from solar power has efficiency of 98% which means more savings in electricity bill.



CHILD SAFETY

A shock proof/child safe non corrosive plastic body assure you 100% safety of your loved ones in case of any contact with system.

SUPERIOR FEATURES

- User friendly display.
- Informative LCD displays for use and to understand the functionalities of the system.

MULTI INFORMATION LCD DISPLAY PANEL

- An easy to read LCD panel ensures display of information of every event running like battery charging, system on/off, battery charge level, output load percentage and various other system status.
- Critical visual blinking warnings like over load, low battery, main fuse blown, short circuit, high temperature etc. Saves valuable time in identifying and rectifying fault areas and increases system life.
- LCD panel shows rupees saved from Solar charging at pre determined tariff rate.



ECO FRIENDLY

- Brainy draws power from solar energy as first preference.
- Unlike conventional energy fuel, Solar PV Panel doesn't emit any gases or leaves any residuals, thus reducing global warming and contributing towards a greener environment.
- Due to extended battery life, the periodic process of battery replacement and disposing the dead battery is prolonged, hence reduction in environmental pollution.

PEAK POWER TARIFF

- With the Power Ministry set to introduce increased tariff on power usage during peak hours, it makes more sense to use 'Brainy' to power your homes through solar power.
- A user programmable intelligence allows the user to program the system to automatically switch over to solar power to power the load partially or completely during peak usage hours thus reducing power bills by a considerable amount.* (optional)

USER PROGRAMMABLE

Get connected to your computer through USB port to monitor & download the performance history.* (optional)

WARRANTY

The stringent QC measures instituted by the company from the very beginning have made the brand Su-Kam synonymous with quality and our products maintain the reputation of being 'World-Class' products with non-stop performance and reliability.

Brainy UPS Panel - 15 years*

Su-Kam Battery - 2 years

Brainy UPS - 5 years

7 Years Guarantee on Transformer

*conditions apply

PRODUCT CERTIFICATES

We are always working to make better products and put our best efforts to improve the quality and performance of our products. We got Awarded :

ISO 9001: 2008 Certificate of Quality Management System

ISO 14001: 2004 Certificate of Environmental Management System

OHSAS 18001: 2007 Certificate of Safety Management System

KNOW SU-KAM

- India's most admired, world class power solutions provider, with a growing presence across India and over 70 countries worldwide. Target to take the tally to 100 countries by 2012.
- Su-Kam has over 2100 employees across the country, 23 offices in India and 1 each at Dubai, Nepal & Bangladesh.



SU-KAM SYNERGISES ITS EXPERTISE IN MANUFACTURING

Su-kam has 7 state-of-the-art manufacturing facilities. All our manufacturing facilities are certified under OHAS – 18001 for operational health and safety.



INTELLECTUAL PROPERTY INDIA

Su-Kam filed over 70 Technology Patents, 141 Copyrights and 53 Trademarks. It has 50 Design Patents to its credit in India, US and various countries. We are filing nearly 2 technology patents a month. We expect to file an impressive 100 technology patents, another record breaking number in the power back-up industry.



RECOGNITION BY INDIA TODAY

India Today recognized Su-Kam's innovative plastic body inverter Chic as one of the Top 10 innovations in the same category as Tata Nano & Reva.

Selection of Chic Inverter as one of Top 10 Innovations by 'India Today' comes in same category as Tata Nano, Reva.

PLASTIC BODY INVERTER, 2002
Designed by Su-kam, it uses advanced plastics to withstand high temperatures and yet gives a user-friendly finish

Customer Care No. : 1800-102-44233 (Toll Free) | www.su-kam.com | sms 'SUKAM' to 57007

KNOW SU-KAM

Su-Kam R&D facility has won recognition from the **DEPARTMENT OF SCIENTIFIC & INDUSTRIAL RESEARCH, GOVERNMENT OF INDIA**. It has also won the **ELCINA-EFY AWARD** for Excellence, 2010 of Science and Technology. A team of 50 plus highly experienced innovators and a well equipped In-house testing facility.

AWARDS AND RECOGNITIONS HAVE COME NATURALLY TO SU-KAM

- EnerTia Award
- Powerbrand India
- Consumer Superbrand
- Amity HR Growth Award
- Consumer Superbrand
- The National Award for Quality Products from the Govt. of India
- Sectoral Award – Exports (Consumer Electronics), Ministry of Commerce, Govt. of India
- Award from Marico Innovation Foundation for Innovation in Business Model by creating an Alternative, reliable and cost-effective source of power. And many more...

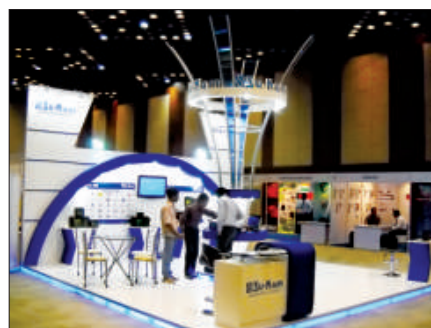


SU-KAM MNRE CHANNEL PARTNERSHIP

Su-Kam Solar division has been approved by the Ministry of New and Renewable Energy, Govt. of India as their channel partner for undertaking off-grid projects up to 100KWP rating. The customers can place the orders on Su-Kam and we will be able to facilitate 30% capital subsidy from MNRE.



**ONE OF THE BIGGEST EXPORTER IN
POWER SECTOR FROM INDIA**



EXTENSIVE DISTRIBUTION & SERVICE NETWORK

- A robust channel network of more than 15000 dealers delivers energy solutions to its target segment efficiently.
- Su-Kam has a nationwide network of Service Centres staffed by 500+ competent engineers.
- More than 100 fully equipped service vans are deployed to provide doorstep service to customers.



SOLAR PACKAGES FROM SU-KAM (30% Govt. Subsidy Available*)

System Capacity	Model	Photo Voltaic Panel	Power Conditioning Unit	Battery	Backup (Hrs.)
1 kW	Stellar	250W x 4	1kVA	150AH TT x 2	2
	Stellar Plus	250W x 4	1kVA	150AH TT x 4	4 - 5

System Capacity	Model	Photo Voltaic Panel	Power Conditioning Unit	Battery	Backup (Hrs.)
2 kW	Stellar	250W x 8	2kVA	150AH TT x 4	2
	Stellar Plus	250W x 8	2kVA	150AH TT x 8	4 - 5

System Capacity	Model	Photo Voltaic Panel	Power Conditioning Unit	Battery	Backup (Hrs.)
3 kW	Stellar	250W x 12	3kVA	180AH TT x 8	3
	Stellar Plus	250W x 12	3kVA	180AH TT x 16	7

*Conditions apply

Load Chart

Options	Rating of PCU		
	1 kW	2 kW	3kW
CFL 11W	5 Nos	12 Nos	20 Nos
Tube light 4'	5 Nos	10 Nos	16 Nos
Fan 48"	4 Nos	8 Nos	12 Nos
CTV 21"	1 No	1 No	1 No
Fridge 165 Lit	-	1 No	1 No



Su-Kam



Su-Buddy

SERVICE WITH SMILE

Helpline No.: 1800-102-4423 (Toll Free)



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