



Su-Kam[®]
SOLAR

***INDIA'S-MOST-INTELLIGENT
SOLAR HOME UPS***

BRAINY[®]
ECO

SOLAR HOME UPS
1100/12V & 1600/24V

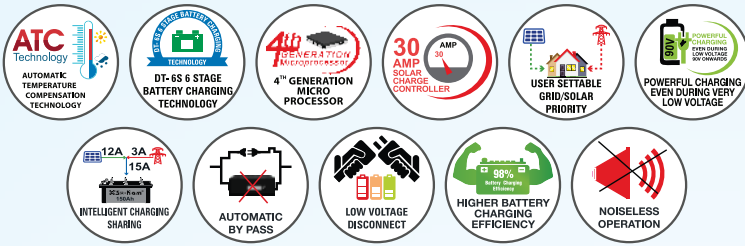


Patent protected
Design Registration No. 25282
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Solar Hybrid UPS

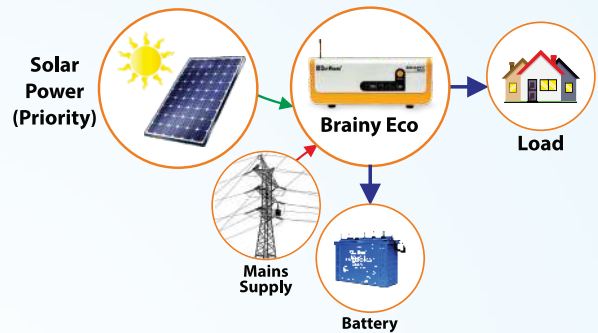


INTELLIGENCE INTEGRATED

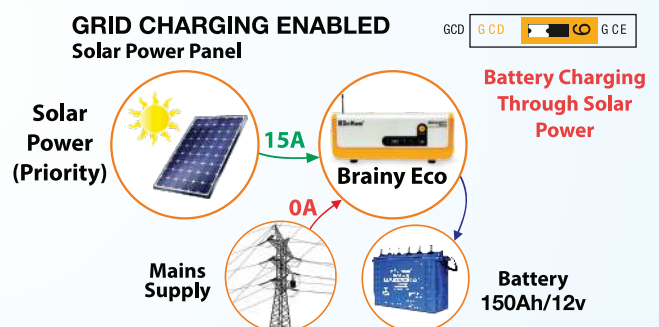
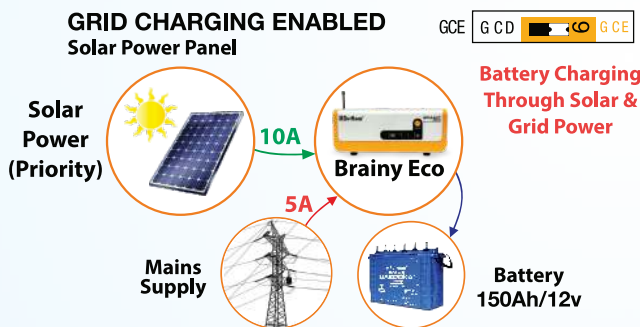


HOW BRAINY ECO WORKS

Brainy Eco is an intelligent solar UPS that can simultaneously run the load and charge the battery. Brainy Eco is designed to give priority to the Solar Power and uses Grid/DG Power only when the Solar Power/Battery Charge is insufficient to meet the load requirements.

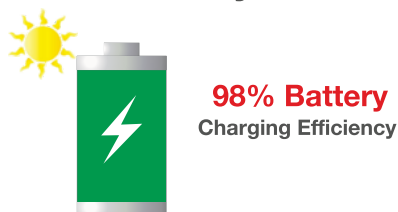


USER SETTABLE GRID CHARGING ENABLE/DISABLE SWITCH

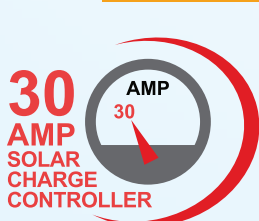


LONGER BATTERY LIFE

When The Battery is Charged Through Solar Power it Leads to:



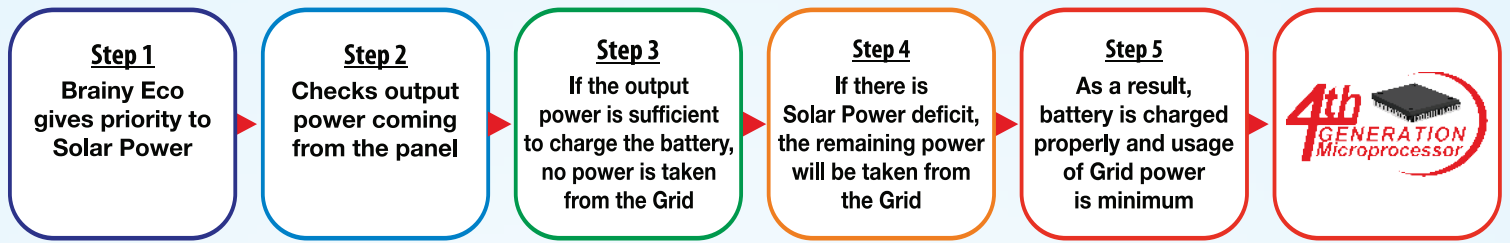
POWERFUL BUILT-IN 30 AMP SOLAR CHARGING



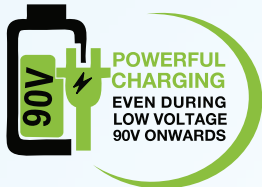
**RUN LOAD &
CHARGE BATTERY
AT THE SAME TIME**

Powerful enough to simultaneously run Electrical Appliances and charge the battery.

INTELLIGENT CHARGING THROUGH SOLAR & GRID



POWERFUL CHARGING ON LOW VOLTAGE



Charges even at 90V, thus ideal for areas which have low voltage problems.



Typically, the UPS batteries require minimum 130 volt for Charging.

Brainy Eco Charges the battery with voltage as low as 90 volt.

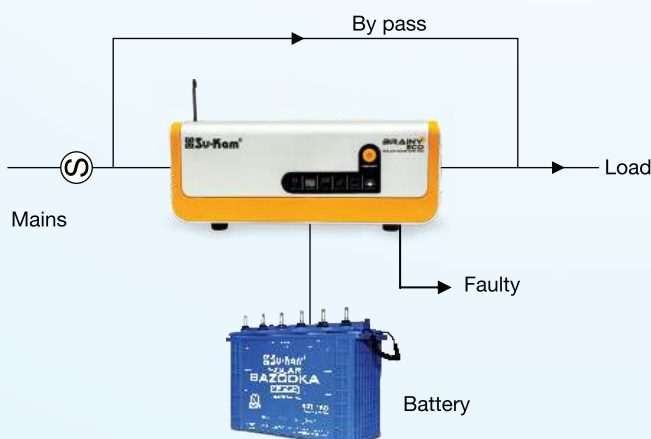
Most effective solution for remote places where the electricity voltage is not high.

POWERFULL ENOUGH TO RUN COMPUTERS



*14 Inch TFT Monitor with Model 1100 and 1600, Tested under ideal conditions

ENJOY UNINTERRUPTED POWER SUPPLY EVEN WHEN UPS FAILS



STATIC BYPASS SWITCH: This switch helps to bypass the electricity to mains whenever there is a failure in the inverter. This makes the system user-friendly and convenient.



POWERFUL COMBINATION

A mix of the most powerful UPS along with an unmatched choice of Solar Panels for maximum power generation



CAUTION:

For 300W Solar Panel connect 1 battery of 150Ah. However, for 400W-500W Solar Panel connect 2 Batteries of 150Ah/12V each in parallel connection.



CAUTION:

For 1000W Solar Panel connect 4 battery of 150Ah. 2 Sets of Series Connection (2 batteries in each set) 2 Set of Parallel Connection

LOAD CHART

Model	Brainy Eco 1100 / 12V					Brainy Eco 1600 / 12V				
Options*	A	B	C	D	E	A	B	C	D	E
Computer	—	1	—	3	—	—	1	—	5	—
Printer	—	—	—	1	—	—	—	—	3	—
Television	—	—	—	—	1	—	—	—	—	2
Tubelight	10	3	4	—	4	12	4	5	—	5
Fan	—	4	3	—	3	—	5	4	—	4
Room Cooler	—	—	—	1	—	—	—	—	1	—
CFL	2	—	—	—	2	4	—	—	—	4

Note: Indicates values only, actual calculation depends on manufacturer's specification. *CFL - 15W, Ceiling Fan - 3 (48mm 100 - 1200 mm sweep), TV - 19-21 inch, Tube light - 40W, Printer - 200W. Application: Computer, Televisions, Printer, CFL / Bulbs, Tube Light, Fans, Room Cooler, Mixer Grinder etc.



SU-KAM POWER SYSTEMS LTD.

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How to Install this Product?

Watch our step-by-step installation video for these products on our Youtube Channel. We have made many interesting videos to help you understand various features in our products.



Got Questions About this Product?

Please call our toll-free number (1800 102 4423 - for India only) or message us on our Facebook Page and we will answer all your questions.

