

# Digital Home UPS

## CRUNCHY-MICRON-FRENDY 250 - 400VA/12 V

Recommended Battery 45Ah-100Ah



LIVE LIFE NON-STOP.



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05/10/homeups/B02

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### Back up time of Micron 250VA/12VDC

Load	Backup Time With 45Ah Battery	Backup Time With 65/70Ah Battery
1 Computer with 15" Monitor	3.5 Hrs	5.5 Hrs
1 TV (14-21")	6.3 Hrs	10.1 Hrs
1 Fan (48mm Ceiling Fan 3 blades, 1000-2000mm sweep)	6.3 Hrs	10.1 Hrs
4 CFL (Energy Saver)	5.5 Hrs	9 Hrs
1 Fan + 1 CFL	5.1 Hrs	8.2 Hrs
1 Fan + 2 CFL	4.1 Hrs	6.6 Hrs
1 Fan + 1 Tube Light	3.3 Hrs	5.3 Hrs
1 Fan + 2 Tube Light + 2 CFL	2.2 Hrs	3.5 Hrs

### Back up time of Frendy 400VA/12VDC

Load	Backup Time With 65/70Ah Battery	Backup Time With 100Ah Battery
1 Computer with 15" Monitor	5.5 Hrs	8.9 Hrs
1 TV (14-21")	10.1 Hrs	16.1 Hrs
1 Fan (48mm Ceiling Fan 3 blades, 1000-2000mm sweep)	10.1 Hrs	16.1 Hrs
1 Fan + 1 CFL	8.2 Hrs	13.1 Hrs
1 Fan + 2 CFL	6.6 Hrs	10.5 Hrs
1 Fan + 1 Tube Light	5.3 Hrs	8.5 Hrs
1 Fan + 2 Tube Light + 2 CFL (Energy Saver)	3.5 Hrs	5.7 Hrs
2 Fan + 2 Tube Light (40W)	2.1 Hrs	3.6 Hrs

No addition to the load should be made when Computer is running on battery mode.  
Note: Indicative values only, actual calculation depends on manufacturer's specification.

## Why buy Su-Kam Home UPS?

Because its loaded with latest technologies.....

MOSFET  
TECHNOLOGY

FUZZY  
LOGIC CONTROL

PULSE WIDTH  
MODULATION

MICRO CONTROLLER  
TECHNOLOGY

### OUR ACCOLADES



Su-Kam is the first and only company in power back-up to be honoured by the Superbrand Council for being one of the strongest consumer brands in the country.



"Sectoral Award-Non SSI (Consumer Electronics)" 2006-07 in recognition of highest export in the field of Electronics & IT awarded by Electronics & Computer Software Promotion Council, Govt of India.



"National Award for Quality Product 2006" for manufacturing Inverters of outstanding Quality by Ministry of Micro, Small & Medium Enterprises, Govt. of India, with cash prize Rs. 1 Lac.



Innovation for India Award 2008, for breakthrough innovations and out-of-the-box thinking in the business and social sections. The Award is instituted by the Marico Award Foundation to fuel innovation in India.

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*Ek nayi soch*

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Certifications  
ISO 9001:2008  
ISO 14001:2004  
CE  
R&D Recognised by MINISTRY OF SCIENCE & TECHNOLOGY GOVERNMENT OF INDIA

## CRUNCHY - MICRON - FRENDY



250 VA/12 V



250 VA/12 V



400 VA/12 V

Su-Kam's Home UPS Systems are a truly futuristic concept. These two-in-one products completely eliminate the need to have separate power back-up systems for your home appliances as well as your computer. Traditionally, there are two separate power back-up system i.e. UPS Systems for computers and Inverters for other household appliances. With the increasing number of households having a computer, it became an absolute necessity to have a single product providing power back-up to Computers as well as other household appliances.

### Salient Features

#### Ideal for small power back-up needs

The product range is designed keeping in mind the basic requirements of shops and small households. The product is capable of providing ample power backup to the essential appliances.

#### Instant Switchover

Incase of power failure, the process of switchover to the battery mode is of few milli seconds hence the power supplied to the connected appliances, like computer is not interrupted, as a result of which the system does not reboot. This feature also increases the life of your expensive and delicate appliances such as TV, DVD player, Fans etc as they get uninterrupted power supply at all times.

#### Space Saver

The product has been specifically designed keeping in mind the space constraint that people face at their households and shops. The product is that of a size of a computer UPS and can be placed anywhere along with the battery. The product is ideal for small shops & households

#### Standalone UPS for Single Computer

The product can specifically be used by small Business houses or people working from home who want to work uninterruptedly on their computers only, to secure longer backup.

#### Efficient & Fast Charging

Su-Kam Digital Home UPS charges its battery 50% faster, which helps the product to work really efficiently and give much longer power backup as compared to normal inverters in areas with frequent power cuts.

#### Fuzzy Logic

A unique patented technology that protects the battery, reduces frequency of water topping and enhances battery life by sensing the requirement of charging required by the battery.

#### Cost Saving

With the help of state of the art technology the product has been equipped to provide maximum output from smaller batteries. This feature helps in saving lot of money for the customer as he is not required to buy a big battery for a small inverter.

#### Battery Deep Discharge Protection

Sukam Home UPS system increases the life of the battery by saving it from excess discharge. It senses & retains a small percentage of the power inside the battery attached at all times. The system helps the Battery to retain the basic charge required for efficient and long life

#### Intelligent Thermal Management

The micro controller senses the temperature inside the system and controls heat dispenser fan to save the system from the situation of overheat. The fan inside Su-Kam HUPS runs only when required thus saving money by saving electricity and wear & tear of the fan motor. As the required temperature is maintained, the system can work efficiently for longer period of time.

#### Overload Protection with Auto Reset

In case of overload, the inverter issues a warning to the user by switching "off" and "on" the power to the running appliances, the system gives the user chance to manage and identify the overload. Once the load is reduced the inverter automatically resumes its services and saves customer from physically going to the inverter and restarting it.

#### Short-circuit Protection

To protect the system from a situation of short-circuit, which might happen because of any malfunction in the connected appliances or due to excessive overload, Su-Kam Home UPS cuts the power supply from the battery and issues overload warning through the alarm & LED display to the user. This feature safe guards and increases the life of the inverter and the battery attached.

#### User Friendly Graphical Display

User friendly Graphical Display alerts help the user to manage the system with ease & comfort.

##### User Friendly Graphical Display of Alerts in Crunchy/Micron



##### User Friendly Graphical Display of Alerts in Frendy



### APPLICATIONS

- Computers • Televisions • Tube Lights • Fans • Audio Systems • Mobile Charging

