



SHARK 650/850/1500

Digital Home UPS Systems

*Works as an Inverter
as well as a UPS*





What is SHARK?

Su-kam's latest innovation, SHARK is a **Digital Home UPS System that works as an Inverter as well as a UPS saving you both Space and Money!** This simply means that while using it as an inverter you don't need to buy a UPS for your computer or other sensitive equipment and gadgets at home that require a consistent supply of power of correct specification.

SHARK is compatible with all battery types – Tubular, SMF and LA – making it highly versatile. Faster charging for all battery types leads to significant power savings and lower electricity bills.




SHARK's Home-Safe Chassis Design makes it totally Shock-proof and completely safe for your home and children.

Research: SHARK technology is powered by extensive research and unique software that senses unsafe levels of gases in the battery. The software senses voltage changes due to excessive gassing and cuts off charging immediately to release the gases before charging again. This can be critical and prevent explosion in the battery.

SHARK combines the Utility of an Inverter with the Necessity of a UPS into one product.



Advantage SHARK

-  Compatible with all battery types – Tubular, SMF and LA
-  Savings in normal running costs through power saving
-  Full and faster battery charge – 75% cost saving in charging
-  Less need for water topping
-  Shock-proof and home-safe
-  Longer battery life
-  Clean technology

SHARK is compatible with all battery types



SMF Battery



LA Battery



Tubular Battery



SHARK v/s OTHER INVERTERS

Slider Switch Technology

Only SHARK has a unique battery selection Slider Switch to select the battery type - Tubular, SMF or LA for optimal charging and increased battery life. (A Su-Kam innovation – Design Patent No. 227378)



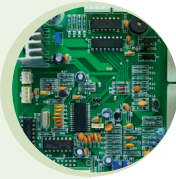
Faster Charging

30% faster charging for Tubular & SMF batteries, **10%** faster charging for LA batteries compared to other brands - leading to power saving for your homes.



Home-Safe Chassis Design

Sophisticated circuitry and chassis design makes SHARK shock-proof and safe for your home - a Su-Kam innovation.



Better Charging Technology using AIM

(Artificial Intelligence Trickle Mechanism) for intelligent charging and increased battery life compared to other inverters.

Matching Trolley Design

Only SHARK comes with a high quality and stable trolley that keeps your battery safe and provides an integrated and aesthetic look.

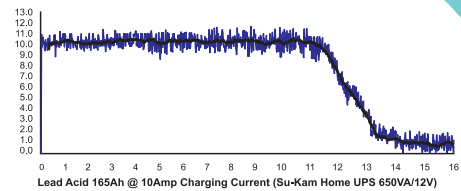


Reduced Water Topping

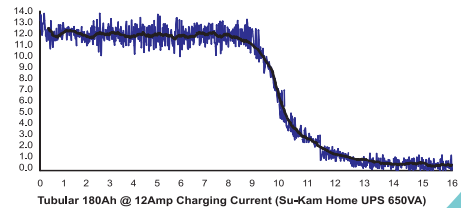
Water topping time reduced by **30%** for Tubular and by **20%** for LA batteries. Overall low maintenance compared to any other brand.



Charging Current (Ampere) Vs Time (Hrs)



Charging Current (Ampere) Vs Time (Hrs)



Load Charts

SHARK 650VA/12V – Digital Home UPS

Options	A	B	C	D
Computer				1
Printer				1
Television			1	
Tubelights	3		2	
Fans	3		2	1
CFL	2	28	5	3

SHARK 850VA/12V – Digital Home UPS

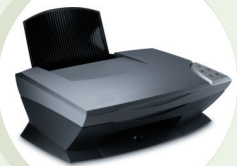
Options	A	B	C	D
Computer				1
Printer				1
Television			1	
Tubelights	4		3	1
Fans	4		3	1
CFL	2	37	5	5

SHARK 1500VA/24V – Digital Home UPS

Options	A	B	C	D
Computer				1
Printer				1
Television			1	
Tubelights	8		6	4
Fans	8		6	4
CFL	4	62	9	

Note: Indicative values only, actual calculations depend on manufacturer's specifications
 Tubelight of 40W, CFL of 15W, TV 19-21", 48mm Ceiling Fan (3 blades, 1000-1200 sweep)
 HP Deskjet Color Ink-jet printer 6940 or equivalent.

Applications



About Su-Kam



Su-Kam is a leader in the Power Back-up industry in India. Our products have established international standards based on Quality, Reliability and Safety. We are the highest exporters from India and growing at 30% pa. Su-Kam is the only Power Back-up company in India whose R&D is recognized by the Government of India.

We are **ISO 9001** and **ISO 14001** certified.

Most of all, Su-Kam is a customer focused organization with a deep commitment to after-sales service. Our nationwide presence and network of branch offices and channel partners ensures complete and efficient service to our customers at all times.



At Su-kam we care for our planet and our environment. Our teams are committed to creating products and technology that not only improves the quality-of- life for our customers but also helps in protecting our future.

Our products are the most energy efficient in the market. A sharp connect between intent and action drives our innovation team that has produced a complete range of Solar and LED Lighting Systems and Renewable Energy Solutions.

As a company, we believe that building a sustainable future is the responsibility of each of us and this is embodied in our new approach – *Ek nayi soch.*



Copyright © 2010 Su-Kam all rights reserved.

07/10/SHARK/B01/EN

Su-Kam Power Systems Ltd.

Corporate Office: 54 Udyog Vihar, Phase VI, Sector 37, Gurgaon-122001, Haryana, India
 Tel: +91-124-4030700, 4170500 Fax: +91-124-4038700/1/2 E-mail: info@su-kam.com Website: www.su-kam.com
 Helpline No.: **1800-102-4423** (Toll Free) SMS: 'SUKAM02' to **57007**

Certifications

ISO
9001:2008
ISO
14001:2004



R&D
Recognised
by
MINISTRY OF SCIENCE & TECHNOLOGY
GOVERNMENT OF INDIA