

**PAY LESS
SAVE 25%
MORE ON ELECTRICITY**

Features	Torque	Inverter
Battery Life	Enhances battery life with FLC Charging Technology.	No Technology supporting the battery life
Power Supply	Runs Computer without interruption along with normal load.	Does not provide uninterrupted supply, computer reboots. Additional UPS required
Cost	Saves approx 25% cost of additional UPS.	Requires you to purchase additional UPS
Switch Over Time	Switch over time is typically 10 millisecond	Switch over time greater than 25 millisecond
PCB Cards	Based on most advanced SMD Technology	Based on THD Technology
User Settable Charging	High charging / Normal charging options available depending on the power conditions	No such option available

FREE
mains cord



All systems are available with mains cord which is easy to install and maintain!

torque

Su-Kam Power Systems Ltd.

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Certifications

ISO 9001:2008 ISO 14001:2004



Su-Kam
Ek nayi soch

torque
digital home ups



CAPACITY 650VA - 1500VA

let the smallest home ups
take away your biggest
power worries

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01/11/TORQUE/C01/E



1500VA

torque



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Introduction

Su-Kam Power Systems Limited is the leader in the power back-up industry in India having established international standards based on quality, reliability and safety. Headquartered in Gurgaon and with 7 state-of-the art manufacturing facilities, this ISO 9001 and ISO 14001 certified company leads the market with its product innovation, design sensibility and sales distribution network.

Winner of several awards such as Power Brand, Superbrand, National Award for quality Product from Government of India, Elcina EFY award for Excellence in R & D etc, Su-Kam is the only power back-up company to be recognized for its R & D by the Department of Science and Technology.

A continuing focus on quality and a strict adherence to International standards has enabled Su-Kam to export its products to various overseas markets across Asia, Africa, Middle East, EU and the Pacific region. Currently, Su-Kam exports close to 25% of its product range and this is poised to rise exponentially in the years' ahead.

Su-Kam synergizes its expertise in manufacturing traditional power back-up systems with its focus on R & D to continuously develop new products. Su-Kam has close to 70 patents and several breakthrough technologies to its credit. This technological edge has ensured Su-Kam's position as one of the most sought after brand in power-back, both nationally and internationally!

Non-stop power for your computers, lights and home appliances

So far, you've used a UPS to run your computer, printer, modem, router and other IT equipment, and a separate inverter for your lights, fans and other home appliances.

Now, you only need one mighty machine - Su-Kam's Torque range of Home UPS systems. Powerful and sensitive at the same time, Torque will run all your IT equipment and your electrical appliances single handedly, smoothly, without a break.





850VA

torque

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A tiny Home UPS that packs a

POWERFUL Punch

Small in size, mighty in efficiency

The Torque Home UPS is small enough to fit into the space demands of today's modern households. A neat, compact design that hides a powerful heart.

Instant switchover, constant power

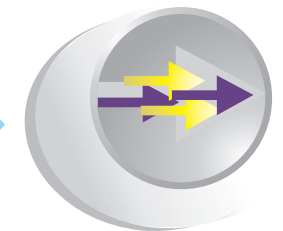
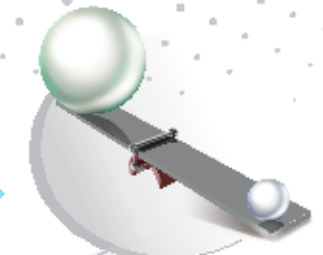
The switch-over between mains power and battery is so fast, you won't even feel it. And the voltage is always kept within the safe range, to protect your precious IT equipment and sophisticated appliances.

Faster charging, longer back-up

In India, power cuts are very frequent for about 5-6 hours and due to this the batteries do not get charged in normal Inverters or UPS. Our Torque range is equipped with charging technology which enables the batteries to get charged 40% faster than other systems. So, even if the mains power fails repeatedly, the battery back-up will snap into action every time. It also provides far longer back-up for computers as compared to conventional UPS systems.

Can easily handle high inflow of current (surge)

It can comfortably handle high in-flow of current, upto 300% of its actual capacity. And your appliances are fully protected.
For e.g. Su-Kam's Torque range can easily endure the initial load of your washing machine or water pump.



System, appliances fully protected

Its superior **HCLC (High Cut / Low Cut)** technology ensures that the system automatically snaps into battery mode in case there is a high or a low voltage. This in-built technology automatically regulates the power range.

Su-Kam's Torque range ensures that the appliances are protected against overloads, short circuits, battery pole reversal and battery deep discharge. No more worries of frequent breakdowns.

High Cold Start Capability

Su-Kam's Home UPS has the highest Cold Load Capability which means if 12 tubelights are connected to Torque (650VA) and it is switched on, all the tubelights will be on at the same time.

Automatic Overload Sensing

In case of overload, Su-Kam's System Overload Alarm resets the Home UPS automatically. The system will retry 8 times to run the existing load. Moreover, repeated beep alarm gives the user adequate time to reduce the load without having to shut down the system and the user doesn't have to go to the UPS to reset the button for overload. In case the load is still not reduced, the system will shut down automatically.

Wheeled trolleys: Knight & Chetak

You can choose a modular trolley which meets the aesthetic requirement of your home and office and provides ease of operation with its castor wheels, so you can move the HUPS around your home, if needed. Keeps your flooring spotless from any kind of acid spillage from your battery.





torque

TECHNOLOGY

that transforms

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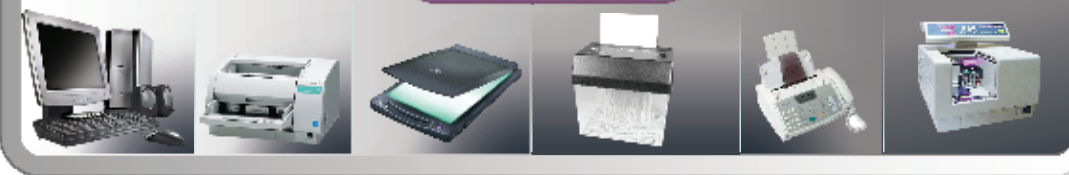
Smart graphical alerts

The clear graphical displays and sound alerts keep you informed about the operating conditions. No more unpleasant surprises.

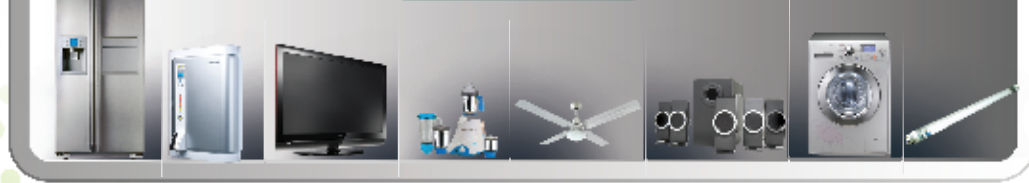


Applications

Office



Home



LOAD CHART

torque 650VA/12V DIGITAL HOME UPS

OPTIONS	A	B	C	D
Computer				1
Printer				1
Television			1	
Tube Light	3		2	
Fan	3		2	1
CFL	2	28	5	3

Note: Indicative values only, actual calculation depends on manufacturer's specification. When PC is running, TV is not recommended. Tube Light of 40W CFL of 15 Watt 19-21 inch TV, 48 mm Ceiling Fan (3-blades, 1000-1200 mm sweep)

torque 850VA/12V DIGITAL HOME UPS

OPTIONS	A	B	C	D
Computer				1
Printer				1
Television			1	
Tube Light	4		3	1
Fan	4		3	1
CFL	2	37	5	5

Note: Indicative values only, actual calculation depends on manufacturer's specification. When PC is running, TV is not recommended. Tube Light of 40W CFL of 15 Watt 19-21 inch TV, 48 mm Ceiling Fan (3-blades, 1000-1200 mm sweep), HP Deskjet Color Ink-jet printer 6940 or equivalent.

torque 1500VA/24V DIGITAL HOME UPS

OPTIONS	A	B	C	D
Computer				1
Printer				1
Television			1	
Tube Light	8		6	4
Fan	8		6	4
CFL	4	62	9	

Note: Indicative values only, actual calculation depends on manufacturer's specification. When PC is running, TV is not recommended. Tube Light of 40W CFL of 15 Watt 19-21 inch; TV 48 mm Ceiling Fan (3-blades, 1000-1200 mm sweep), HP Deskjet Color Ink-jet printer 6940 or equivalent.

Fuzzy Logic Control Technology



Su-Kam's advanced FLC charging technology senses the requirement of the battery and charges accordingly. This technology ensures:-

- Longer Battery Life** Su-Kam FLC Technology senses the exact need of the battery every time. If an older battery is unable to accept the level of voltage defined earlier, it automatically sets a new level in accordance with the battery condition and charging need. This results in enhanced battery life.
- Huge Savings on Electricity** Su-Kam's FLC Technology senses the battery voltage and switches it off if there is no change in the battery voltage with respect to time. In normal inverters the charger is constantly ON
- Reduced Water Topping** Su-Kam's FLC technology controls the emission of gassing while charging the battery, thus reducing the frequency of water topping significantly.

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