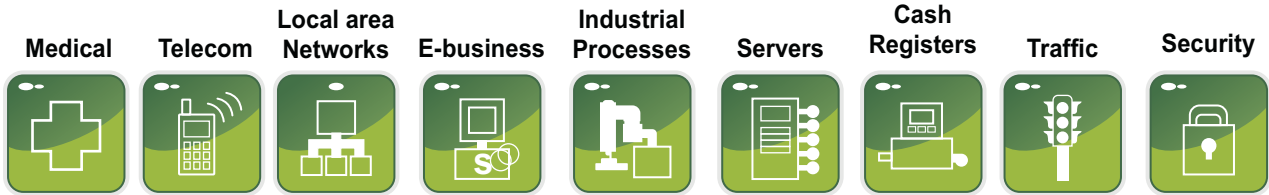


# SK30B Series

## High Frequency Online UPS

### 1-3KVA(1 Ph in/1 Ph Out)



### Product snapshot:

Model: 1-3KVA

Nominal voltage: 208/220/230/240VAC

Nominal frequency: 50/60Hz

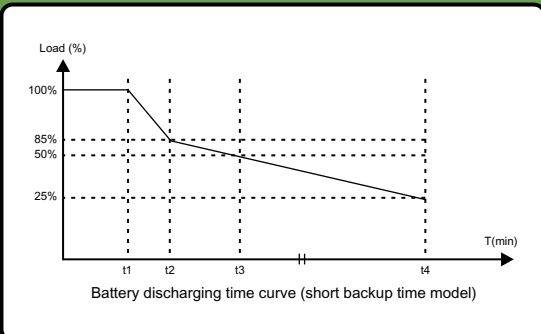
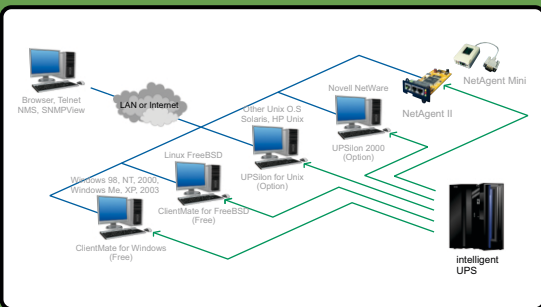
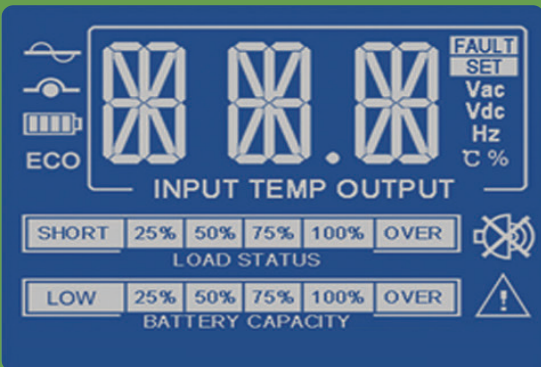
Output Power factor: 0.9



**Save money!**  
**Saving from 2 years electric bill = A NEW UPS !**  
**Efficiency up to 94%!**  
**High Reliability!**

### High-end intelligent power protection solution

SK30B Series UPS is online high frequency UPS, featuring high performance, which is deal for file server, enterprise server, central server, microcomputer, concentrator, telecommunication system, data center, medical facilities. SK30B series UPS provides high quality power protection, reliable power guarantee for your loads. Customization are available for special requirement.



## Typical applications

1. Data center
2. Point-of-sale
3. Network device
4. Commercial facility
5. Precision instrument
6. Etc.

## High performance and reliability

1. High AC/AC efficiency up to 94% ( 2K and 3KVA )
2. Low THDi : < 5%
3. High input power factor up to 0.996
4. High output power factor : 1.0
5. Full digital control technology
6. Online double conversion topology
7. Three level inverter technology
8. Perfect LCD display

## Perfect display

1. Comprehensive and visualized LCD with blue backlight, rich information including working status and operating data.
2. Output voltage 208/220/230/240Vac, 50/60Hz, ECO model all can be settable on the display panel through the buttons.

## Advanced communications

1. Configurable communication interface module
2. Flexible Network Management
3. Point-to-point monitoring
4. Alerts users of a power event or pre-specified condition
5. Automatically shut down your servers
6. Remotely supervise and control UPS solution

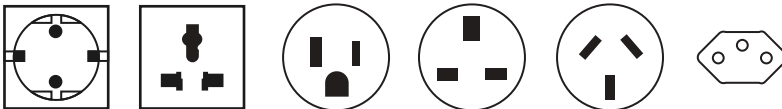
## Intelligent battery management

1. Automatic boosting and floating charge control, adapt for lead-acid battery
2. As for short backup time model, Discharge protection in the given time which is changed with the load capacity, preventing the battery from deep discharge and prolonging its lifetime, like chart below.
3. 8A charging current optional, reduce battery recharge time
4. Provide battery self-test function and regular battery maintenance, prolong battery's lifetime.

## Programmable rear panel

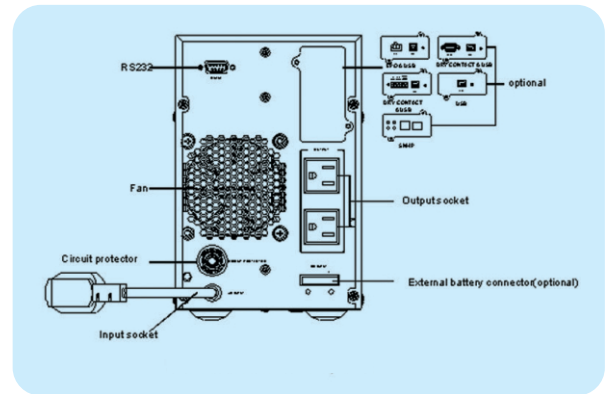
The rear panel can be compatible with many special designs, applied in different countries and different applications

## Added socket



## Added-value service

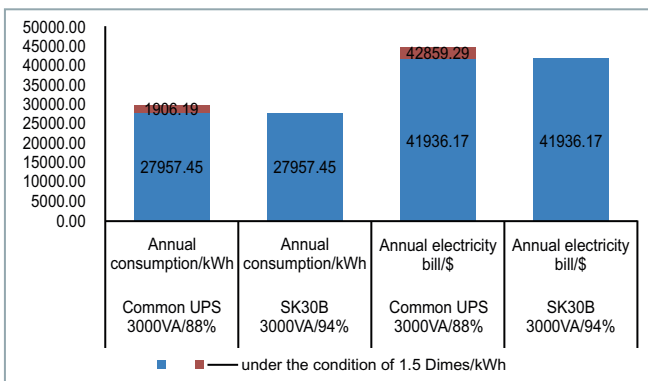
1. UPS management software
2. SNMP/ USB/ Dry contact/ EPO
3. External battery bank
4. Charger
5. Battery disconnection alarm
6. Charging temperature compensation
7. Disable bypass output after switching off UPS
8. UPS self-start function while AC input is normal, it is useful in unattended and remote application



## User Benefits

### Green Power

1. Input power factor up to 0.996 and Low THDi (< 5% ), avoid pollution to power grid.
2. Compliance with RoHS standard, without poison materials.
3. Intelligent fan speed control function support lower noise level.
4. High efficiency, improve energy efficiency and decrease carbon emissions.



The economic effectiveness is measurable and impressive. Save money! Saving from 2 years electric bill=NEW UPS!

### Energy saving and Save money obviously

1. AC/AC efficiency up to 94%, reduce the electricity bill and save money measurably.
2. Optional high efficiency mode ( up to 98% )
3. Output power factor 1.0, load capability increases by 30% approximately in comparison to common UPS.
4. Intelligent fan speed control according to the different working conditions such as load percent, inner temperature, charging status and etc, help to decrease power loss and prolong fan's lifetime.
5. Intelligent battery management helps to prolong battery's lifetime and save investment.

## SK30B Series Technical Specifications

Model	SK30B 1-3KVA					
	1KT	1KT-XL	2KT	2KT-XL	3KT	3KT-XL
INPUT						
Voltage (Vac)	120-295					
Frequency (Hz)	50/60± 10% (50/60Hz auto-sensing)					
Power Factor	≥0.99					
THDi	<5%					
OUTPUT						
Capacity(VA)	1000		2000		3000	
AC/AC Efficiency	92% (94.2% optional)		93% (94.6% optional)		94% (94.2% optional)	
Power Factor	0.9 (1.0 optional)					
Voltage (Vac)	208/220/230/240±1% ( settable on display panel )					
Frequency(Hz)	50/60±0.2% (battery mode)					
THDv	THD < 2% (linear load) THD < 5% (nonlinear load)					
Transfer Time	0					
Overload	101%~120% for 5 seconds,above 120% for 200ms					
BATTERY						
Voltage(Vdc)	24	36	48	72	72	96
BATT Type	2×9Ah12V	External	4×9Ah12V	External	6×9Ah12V	External
Charger Current(A)Max	1	4	1	4	1	4
OTHER						
Communication Interface	RS232, EPO, USB (slot), (SNMP, RS485+dry contact are optional in slot)					
LCD Display	AC input & output voltage, frequency, Load level, Battery level, Temperature, AC mode, Battery mode, Bypass mode, and Fault.					
Alarm	Low battery, abnormal AC input, UPS failure, etc.					
Protection	Low battery, overload, short-circuit and over temperature, etc.					
Noise (dB)	< 50			< 55		
Working Temperature	-5 ~40°C					
Relative Humidity	0 ~ 95%, No condensation					
Dimension (W×D×H) mm Standard/ Long backup	145x360x225			190x400x330		
Weight (kg) Standard/ Long backup	9.2	4.5	17.7	8.5	22.9	9.2

◆ Specifications are subject to change without prior notice.

