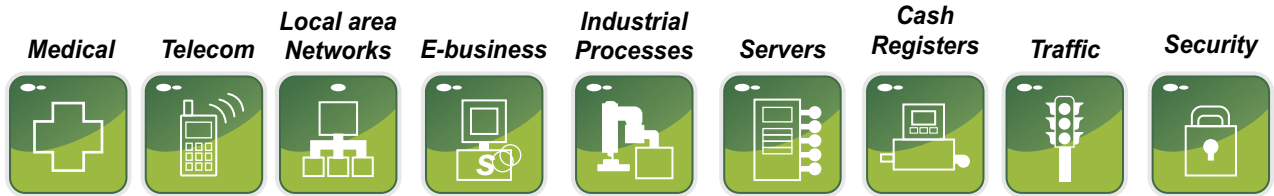


SK30B Series High Frequency Online UPS 6-10KVA(1 Ph in/1 Ph Out)



Product snapshot:

Model: 6-10KVA

Nominal voltage: 220/230/240VAC

Nominal frequency: 50/60Hz

Output Power factor: ≥ 0.99

*Customization Oriented
High Performance
High Reliability*

High-end intelligent power protection solution

SK30B Series UPS is online high frequency UPS, which is deal for file server, enterprise server, central server, microcomputer, connector, telecommunication system, data center, medical facilities and those require high quality power protection, supplying reliable power guarantee for your loads. Customization products are available for special requirement.



6KT & 10KT model

Features and Advantages

High performance and reliability

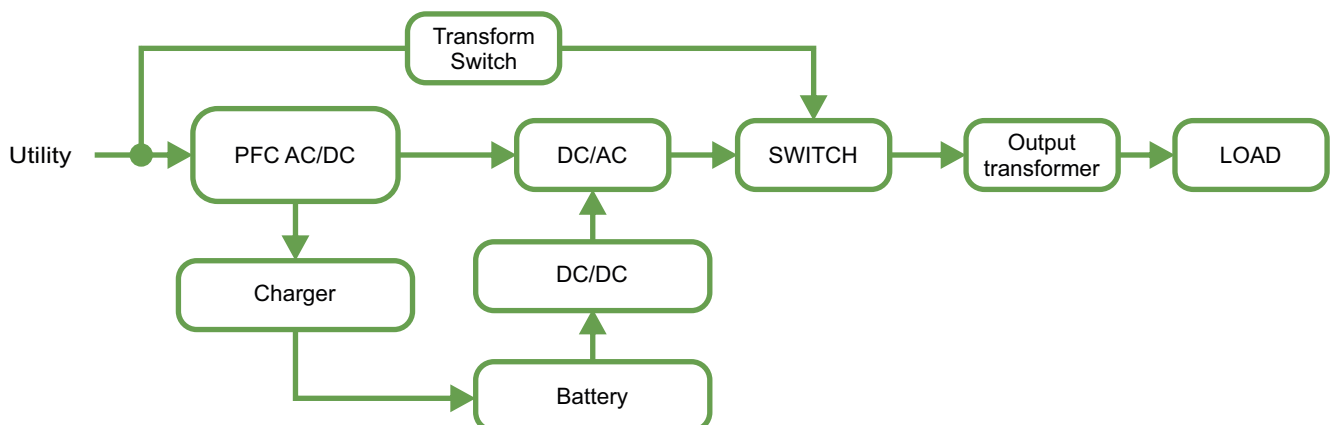
1. Online double conversion
2. PFC rectifier technology
3. SPWM inverter control technology
4. High input power factor: 0.99
5. Output power factor: 0.7/0.8/0.9/1.0 selectable
6. Input frequency range: $\pm 25\%$
7. Input Frequency range: $\pm 10\%$ settable
8. Full protection function & Automatic bypass
9. Intelligent communication port
10. 6kVA & 10kVA have ECO & EPO function

High performance battery charger for 6~10kVA

1. 0.5A, 5.5A charging current optional
2. Reduces battery recharging time
3. Protects the battery against damage caused by deep charge and discharge
4. Prevents harmonic pollution to the power grid

Output isolation application

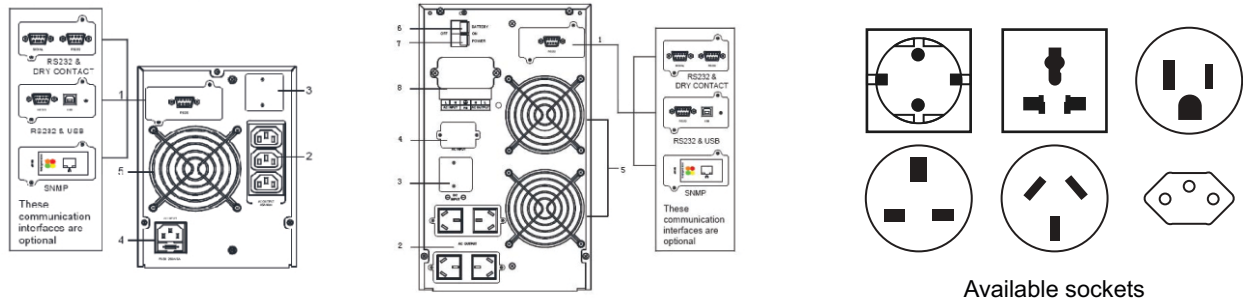
1. Additional output transformer
2. Output isolation
3. Decreases load impact & Increases anti-short circuit capacity
4. Selectable output voltage for 6kVA & 10kVA



6kVA ~ 10kVA with output transformer

Programmable rear panel

We have various of rear panels for customers applied in different countries and different applications.



6KVA ~ 10KVA Rear panel description

1. Communication interface
2. AC output sockets
3. External battery connector (optional)
4. Input socket
5. Fan
6. Battery breaker

Advanced communication

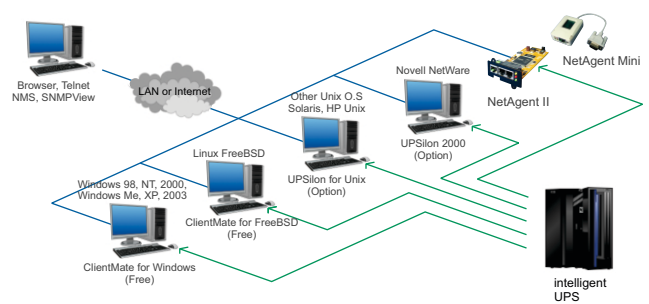
1. Configurable communication interface module
2. Flexible Network Management
3. Point-to-point monitoring
4. Alerts users of a power event or pre-specified condition
5. Automatically shut down your servers
6. Remotely supervise and control UPS solution

Parallel technology for 6kVA & 10kVA

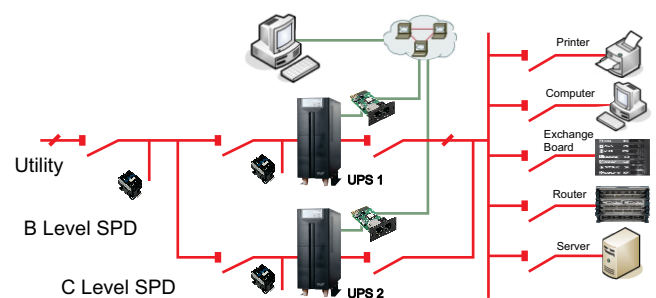
1. Private patented technology
2. No-master-slave, Self-adaptive parallel technology
3. N+1 parallel redundancy available
4. On-site installation and commissioning

Added-value service

1. UPS management software
2. SNMP/ USB/ Dry contact (Db9)
3. External battery bank
4. Built-in maintenance bypass switch (6kVA & 10kVA)
5. Isolation transformer design



Battery cabinet and monitor system



Parallel System Application

SK30B Series Technical Specifications

Model	SK30B 6-10KVA			
	6KT	6KT-XL	10KT	10KT-XL
INPUT				
Voltage (Vac)	80-275			
Frequency (Hz)	50/60± 10% (50/60Hz auto-sensing)			
Power Factor	≥0.99			
THDi	<5%			
OUTPUT				
Capacity(VA)	6000		10000	
AC/AC Efficiency	95%			
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 < 1% (linear load) THD < 4% (nonlinear load)			
Transfer Time	0			
Overload	101%~120% for 5 seconds,above 120% for 200ms			
BATTERY				
Voltage(Vdc)	192	192~240	192	192~240
BATT Type	16x7Ah 12V	External 16~20 Units Settable	16x9Ah 12V	External 16~20 Units Settable
Charger Current(A)Max	1~8 (adjustable)			
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)	< 55			
Working Temperature	-5 ~40°C			
Relative Humidity	0 ~ 95%, No condensation			
Dimension (W×D×H) mm Standard/ Long backup	230x502x553	190x422x337	230x502x553	190x422x337
Weight (kg) Standard/ Long backup	54.5	10.9	56.2	12.5

◆ Specifications are subject to change without prior notice.

