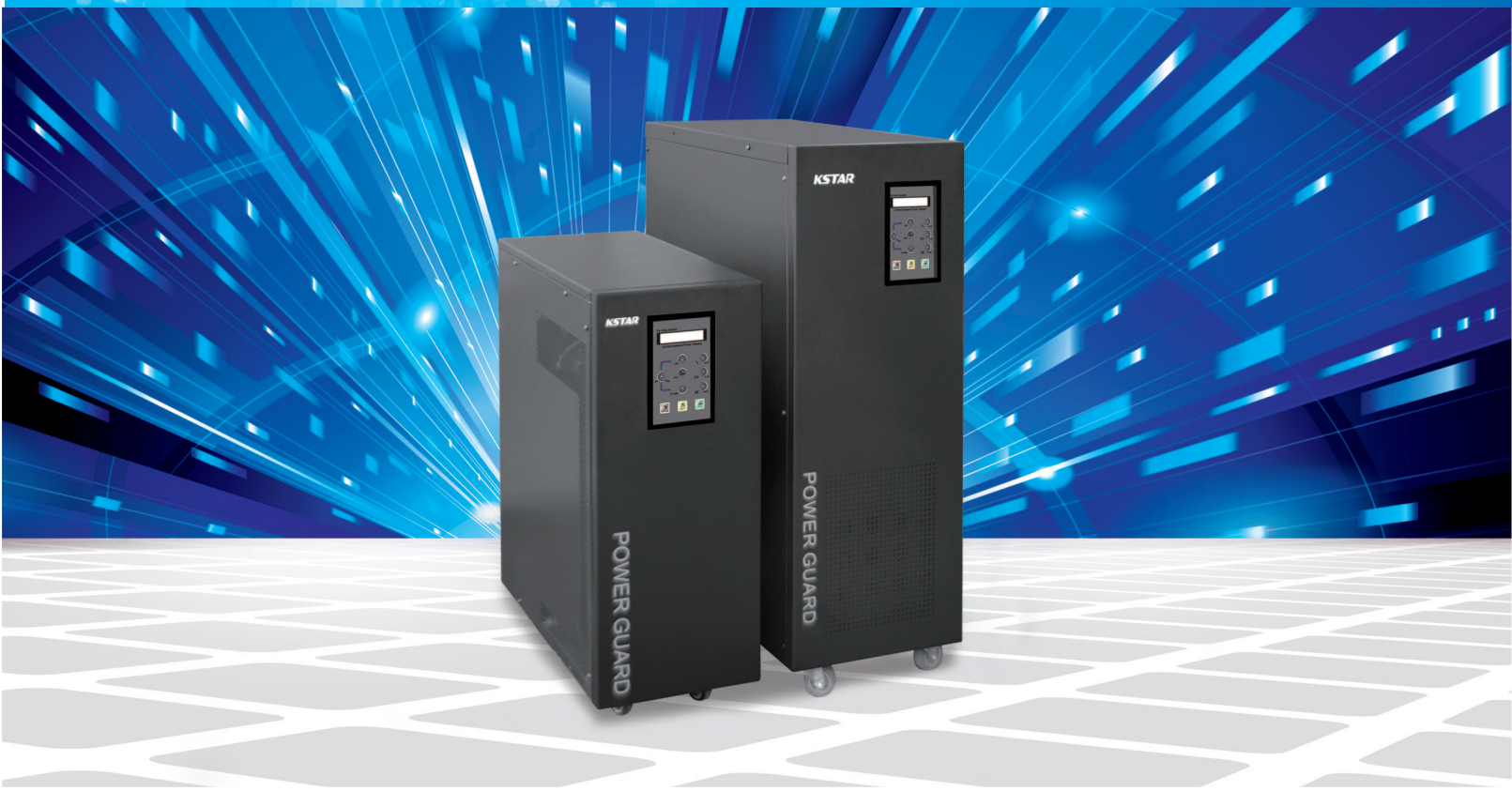
UIB SERIES 1~20kVA 1:1 phase PF: 0.8



Features

· High reliability design

Double Conversion on-line design, which makes the output a pure sine wave source with frequency tracking, phase-lock and voltage regulation, low distortion and without voltage fluctuation, providing the load with more comprehensive protection.

· Strong protection for load

Built-in isolation transformer, strong anti-interference ability, provides more comprehensive protection.

· Wide input range

Wide input voltage range: 165~275Vac, avoid frequently switching to battery mode, which can adapt harsh environment .

Wide input frequency range, ensure all types of fuel generators connected work stably.

· Optimization of high-performance battery

Advanced floating switching and charging technology maximums the activation of the battery, thus saves the charging time and extends the battery life.

· Battery cold start function

The UPS can be start directly by battery group when no utility power. Cold start function still can work when full load. access in, which meets the emergent needs of user.

Strong cold start ability, which can do the cold start operation when full load.

· Comprehensive and reliable protection

Self-diagnosis function before start-up, avoids the risks that the failure may lead to.

The multi-protections such as overload, short-circuit, over-temperature, battery under voltage, battery over-charge and so on make the system running more stably and reliably.

Built-in static electronic bypass switch, when UPS fails, it can transfer to bypass mode and continue to provide power for load by AC.

DC start function. The UPS can be started directly without AC, which meet the emergent needs of the user.

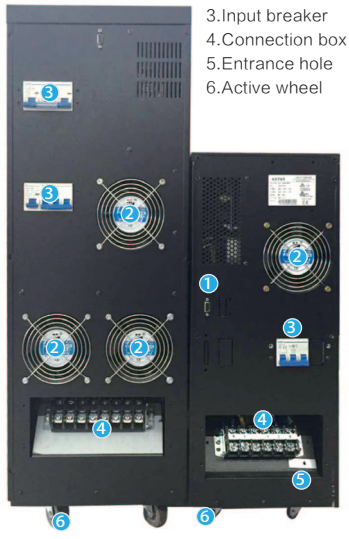
· User-friendly network management

Communication with computer can be realized by RS232 with corresponding monitoring software. The various parameters can be shown on the communication interface.

External SNMP adapter. The UPS with remote network management capability can provide real-time data for communication and management through a variety of network management systems.

Control Panel

1.RS232 port
2.FAN
3.Input breaker
4.Connection box
5.Entrance hole
6.Active wheel



Rear Panel

Technical Specifications:

MODEL	UIB10(L)	UIB20(L)	UIB30(L)	UIB40(L)	UIB60(L)	UIB80L	UIB100L	UIB120L	UIB150L	UIB200L
Capacity (VA/Watts)	1k/0.8k	2k/1.6k	3k/2.4k	4k/3.2k	6k/4.8k	8k/6.4k	10k/8k	12k/9.6k	15k/12k	20k/16k
INPUT										
Nominal Voltage	220/230Vac									
Operating Voltage Range	165~275Vac									
Operating Frequency Range	50/60Hz(1±5%)									
Power Factor	>0.97(with filter)									
OUTPUT										
Output Voltage	220/230Vac(1±0.5%)									
Output Frequency	50/60Hz(1±0.5%)									
Current Crest Ratio	3:1(Max)									
Efficiency	>82%			>85%		>88%				
Harmonic Distoriton (THDv)	<1.5% with linear load									
BATTERY										
Battery Voltage	48Vdc or 192Vdc			192Vdc						
SYSTEM FEATURES										
Transfer Time	Utility⟷Battery : 0ms									
Overload	>125%: last 1min; >150% : 200ms turn to bypass mode									
Communication Interface	RS232,SNMP(Optional),Dry contact(Optional)									
PHYSICAL										
Dimension,W×D×H(mm)	230×580×720 / 250×500×635 (L)					305×585×864			409×798×1044	
Net Weight(48V/192V)(kg)	41/36	45/38	52/41	46	51	88	90	98	145	162
ENVIRONMENT										
Operating Temperature	0~40℃									
Storage Temperature	-25~55℃									
Humidity Range	0~95% (Non-condensing)									
Altitude	<1500m									
Noise Level	<55dB									
STANDARDS										
Safety	IEC/EN62040-1;IEC/EN60950-1									
EMC	IEC/EN62040-2,IEC61000-4-2,IEC61000-4-3,IEC61000-4-4,IEC61000-4-5,IEC61000-4-6,IEC61000-4-8									

Specifications are subject to change without prior notice.