Features

- · True double-conversion
- · DSP technology guarantees high reliability
- · N+X parallel redundancy
- · Selectable quantity of battery for each group:16/18/20 pieces
- · 3-stage charging design optimizes battery performance
- · ECO mode operation for energy saving
- · Self-diagnosis at startup
- · Emergency power off function (EPO)
- · Maintenance bypass (Optional) is convenient for maintenance
- · Generator compatible
- · Communications:RS-232,USB,SNMP card (Optional), Relay card (Optional)
- · Cold start



Battery Cabinets. (Optional)



Control Panel



Rear Panel

Technical Specifications

MODEL		UB60	UB60L	UB100	UB100L
Capacity (VA/Watts)		6K/5	4K	10K.	/9K
INPUT				'	
Nominal Volta	age		220/230/240\	/ac(L+N+PE)	
Operating Voltage Range		120~276Vac			
Operating Frequency Range		50Hz: 45~55Hz, 60Hz: 54~66Hz			
Power Factor		≥0.99			
		Max.voltage: 220V: +25%(Optional +10%,+15%,+20%)			
Bypass Voltage Range		230V: +20%(Optional +10%,+15%)			
		240V: +15%(Optional +10%)			
		Min. voltage: -45% (Optional -20%, -30%)			
ECO Range		Same as bypass			
Harmonic Distortion (THDi)		≤5%(100% non-linear load)			
OUTPUT	,	1		,	
Output Voltag	ie		220/230	/240Vac	
Power Factor		0.9			
Voltage Regulation		±1%			
Line Mode		$\pm 1\%/\pm 2\%/\pm 4\%/\pm 5\%/\pm 10\%$ of the rated frequency(Optional)			
Frequency Bat. Mode		(50/60±0.1)Hz			
Crest Factor		3:1			
		≤2% with linear load			
Harmonic Distortion (THDv)		≤2% with non-linear load			
Waveform		Som with not Fine at load Pure Sinewave			
Transfer Time	٩		Utility to Battery : 0ms		
EFFICIENCY			Othery to Battery . On is	, Othity to Bypass. Offis	
Efficiency			Linto	94%	
BATTERY			Optio	0 94 70	
	70	Salaatahla Valtaaa: + 06/108/120 Va			
Battery Voltage Typical Recharge Time		Selectable Voltage: ±96/108/120Vdc 6~8 hours (To 90% capacity)			
		6~8 nours (10 90% capacity) Maximum current 10A			
Charging Curi PROTECTIO			Maximum	surrent toA	
PROTECTIO		Load	-1359/ : lost Emis1509/ : lost 1m	nin; >1509/ 200ma tura ta hunana ma	ndo.
Overload Line Mode Bypass Mode Short Circuit		Load ≤125%: last 5min;≤150%: last 1min;>150% 200ms turn to bypass mode			
		40A(Input breaker) 60A(Input breaker)			
		Hold Whole System			
Overheat		Line Mode: Switch to Bypass; Backup Mode: Shut down UPS immediately Alarm and Switch off			
Battery Low	0		Alarm and	SWILCH OIL	
INDICATORS			Line Fellow Bellow Low	Outdood Outlood Facility	
Audible & Visual Alarms		Line Failure, Battery Low, Overload, System Fault			
Status LED & LCD Display		Line Mode, Backup Mode, Eco Mode, Bypass Mode, Battery Low, Battery Bad, Overload & UPS Fault Input/Output Voltage, Input/Output Frequency, Load Level, Battery Level, Inner Temperature & Remaining Battery Backup Time			
	On The LCD Panel	Input/Output Voltage, Input/Ou	itput Frequency, Load Level, Batti	ery Level, Inner Temperature & Rem	aining Battery Backup Time
MANAGEME		1			10.
Communication		RS-23	2,USB,Parallel card(Optional), SN	IMP card(Optional), Relay card (Opti	onal)
ENVIRONME					
Operating Temperature		0~40°C			
Storage Temperature		25~55°C			
Humidity Range		0~95% (Non-condensing)			
		<1500m			
Altitude			<55	5dB	
Altitude Voise Level					
Altitude Noise Level PHYSICAL					
Altitude Noise Level PHYSICAL Dimension W		250 × 502 × 616	220×481×438	250 × 502 × 616	220 × 481 × 438
Altitude Noise Level PHYSICAL Dimension W Net Weight (k	(g)	250×502×616 62	220 × 481 × 438 18	250 × 502 × 616 64	220 × 481 × 438 20
Altitude Noise Level PHYSICAL Dimension W Net Weight (k	(g)				
Altitude Noise Level PHYSICAL Dimension W Net Weight (k STANDARD	sg) S		18		
Altitude Noise Level PHYSICAL Dimension W Net Weight (k STANDARDS	sg) S		18	64 EN62040-2	
Altitude Noise Level PHYSICAL Dimension W Net Weight (k STANDARDS Noise Suppre	sg) S		18 Complies with IEC/EN62040-1	64 EN62040-2	
Altitude Noise Level PHYSICAL Dimension W Net Weight (k STANDARDS Noise Suppre	sg) S		18 Complies with IEC/EN62040-1 IEC/EN62040-2,IEC61000-4-2	64 EN62040-2 JEC/EN60950-1	
Altitude Noise Level PHYSICAL Dimension W Net Weight (k STANDARD: Noise Suppre Safety	rg) S ession		18 Complies with IEC/EN62040-1 IEC/EN62040-2,IEC61000-4-2	64 n EN62040-2 JEC/EN60950-1 t, JEC61000-4-3, JEC61000-4-4,	
Altitude Noise Level PHYSICAL Dimension W Net Weight (k STANDARD: Noise Suppre Safety EMC BATTERY PA	rg) S ession		18 Complies with IEC/EN62040-1 IEC/EN62040-2,IEC61000-4-2 IEC61000-4-5,IEC610	64 n EN62040-2 JEC/EN60950-1 t, JEC61000-4-3, JEC61000-4-4,	
Altitude Noise Level PHYSICAL Dimension W Net Weight (k STANDARD: Noise Suppre Safety EMC BATTERY P Model	rg) S ession		18 Complies with IEC/EN62040-1 IEC/EN62040-2,IEC61000-4-2 IEC61000-4-5,IEC610 EXB:	64 n EN62040-2 ,IEC/EN60950-1 2,IEC61000-4-3,IEC61000-4-4, 00-4-6,IEC61000-4-8	
Altitude Noise Level PHYSICAL Dimension W Net Weight (k STANDARD: Noise Suppre Safety EMC BATTERY P Model Battery type&	ACK		18 Complies with IEC/EN62040-1 IEC/EN62040-2,IEC61000-4-2 IEC61000-4-5,IEC610 EXB : 7Ah × 40	64 n EN62040-2 JEC/EN60950-1 2 JEC61000-4-3, JEC61000-4-4, 00-4-6, JEC61000-4-8	

Specifications are subject to change without prior notice.