

Model		BI-5X40	BI-5X60	BI-5X80	BI-5X100	BI-5X120
		BI-7X40	BI-7X60	BI-7X80	BI-7X100	BI-7X120
Capacity		400VA/240W	600VA/360W	800VA/480W	1000VA/600W	1200VA/720W
Input	Voltage	110/115/120Vac or 220V/230/240Vac				
	Voltage Range	-30%+25%				
		120V System: 80Vac-145Vac				
		220V System: 154Vac-290Vac				
Frequency	50Hz or 60Hz (Auto-Sensing)					
Output	Voltage Regulation AC Mode	110/115/120VAC or 220/230/240VAC +/- 10%				
	Voltage Regulation Battery Normal	110/115/120VAC or 220/230/240VAC +/- 10%				
	Frequency	50Hz or 60Hz +/- 1Hz				
	Waveform	Simulated Sinewave				
	Transfer Time	< 6ms(Typical)				
	Outlet: IEC-320/Nema 5-15R	4/4			6/6	
	Outlet: Universal/German/French/Australian	2/3/3/3				
Battery	Voltage	12VDC			24VDC	
	Type	12V/4.5AH	12V/7AH	12V/9AH	12V/7AH*2pcs	12V/7AH*2pcs
	Recharge Time	5hr to 90% after complete discharge				
	Safety Protection	Over Charge & Over Discharge Protection				
	Advanced Battery Management	Yes				
	Back-up Time (Load with 1 PC)	10 Minutes	20 Minutes	30 Minutes	40 Minutes	40 Minutes
Display	LED Status Indicators	Normal (Green), Battery (Yellow), UPS cut off (Red)				
	LCD Display	I/P & O/P Voltage & Frequency, Load %, Battery %				
Audible Alarm	Battery Mode	Two short tones every 8 seconds				
	Low Battery	Four short tones every second				
	Overload	Red LED: Flashing, Buzzer: Beeping continuously				
	Fault	Beeping continuously				

Function	AVR (Automatic Voltage Regulation)	2 Boost + 1 Buck	
	DC Start Function	Yes	
	Over/Under Voltage Protection	Yes	
	No-load Cut-off (Green Mode)	Yes	
	Silence The Audible Alarm	Yes	
	Off-mode Charging	Yes	
	Short Circuit Protection	AC Fuse and Electronics Circuit(Line mode) ; Electronics Circuit(Back-up Mode)	
	Lightning/Surge Protection (Optional)	99 Joules (110/115/120Vac) / 175 Joules (220/230/240Vac)	
Communication Port		Smart RS-232 / USB Port	
Management Software		Shutdown Software (Supporting Windows 98/NT/2000/Me/XP/2003/Vista/7/8)	
Environment	Operating Temperature	0° C - 40° C (32°F~104°F)	
	Humidity	0-95% (No Condensing)	
	Acoustic Noise	<40 dB at 1M	
Safety Standard	LVD	CE (EN60950-1:2006+A11:2009+A1:2010+A12:2011)	
	EMC	CE (EN55022:2010 ; EN55024:2010)	
Physical	Dimension(D*W*H)	305*98*170mm	385*98*170mm
Design, Manufacture, Service		ISO9001-2000	
Warranty		1 Year	

"BI" Model Comparison Table						
Model	Features	RJ-11	RS-232	USB	LED	LCD
5140~51120					YES	
5540~55120		YES	YES		YES	
5740~57120		YES		YES	YES	
7140~71120						YES
7540~75120		YES	YES			YES
7740~77120		YES		YES		YES



NOTE :

1st digit -- "5" means units with LED display, and "7" means with LCD display.			
2nd digit -- "1" means standard units without Communication feature;			
"5" means with RS-232 port + software + cable; and "7" means with USB port_software+cable.			
3rd ~ 5th digit means the power rating in VA value; i.e. "040" means 400VA, & "120" means 1200VA.			