

# BS Series- Line interactive UPS

SPECIFICATION:						
Model		BS700 / L	BS800 / L	BS1200 / L	BS2000 / L	BS3000 / L
Capacity		700VA	800VA	1200VA	2000VA	3000VA
New Features		UPS feasible Turn on without Battery or Damaged Battery				
		Compatible with Generator				
Input	Voltage	170VAC-300VAC or 80VAC-150VAC			172VAC-282VAC or 80VAC-140VAC	
	Frequency	60/50Hz ±10% (auto-sensing)				
Output	Back up frequency	60/50Hz ±0.5				
	Back up voltage	230VAC / 100VAC ±1% / Normal Mode : AVR 6%				
	Transfer time	Typically 2 - 4 ms (Mains fail or recover)				
	Wave form	Simulated Pseudo Sine Wave				
Panel Indicator	LED	1.AVR Mode/Charge Mode 2.Battery Back Up/Abnormal AC Input 3.Over Load/Fault 4. Battery Low Discharge				
Audible alarm	Buzzer	1.No Beep		2.Two Beeps/8 Sec.		3.Continuos Beep
Protection	Break high voltage protection	320 joules 2 ms				
	Filter	10dB at 0.15MHz, 50dB at 30MHz (including by-pass filter outlet)				
	Overload	As load over 120%, UPS auto shut down in 60 seconds; As load over 150%, UPS auto shut down in 3 seconds				
	Load input	Fuse for overload & short circuit protection				
	Short Circuit	UPS Output cut off immediately				
Operating Environment	Temperature	0 to 40°				
	Humidity	0 – 95% non-condensing				
	Noise Level	Less than 45dB at 1 meter				
Battery	Type	SLA (Sealed Lead Acid) - Maintenance Free				
	Capacity	12V 7Ah x 1pc	12V 9Ah x 1pc	12V 12Ah x 1pc	12V 7Ah x 3pcs	12V 7Ah x 4pcs
	Charge Time	3 - 8 hours (90% of full capacity)				
	Battery Protection	Auto inspection, discharge protection and battery fault precaution				
	Back Up Time	Approximately 10 - 30minutes, Depend to Load & Battery Capacity				
	Back Up Time Calculation	Example: BS700 - 12VDCx7Ah = 84VA x 0.7p.f = 59 watts / Load, 300 Watts = 0.196 hrs 0.196 hrs x 60mins = 12 minutes Back Up Time				
	Charging Current	0 – 2 Amps or 'L' 0 – 15 Amps				
Communication	Interface Port	RS232 / DB9 (Optional)			RS232 / USB	
	Power Management Software	Smart UPS (Optional)			Upsilon (Optional)	
Physical	Weight (kg)	7.2	11	13	21	26
	Dimensions(mm) L x W x H	320 x 90 x 150	335 x 110 x 160	335 x 110 x 160	450 x 180 x 200	510 x 180 x 200
* For Long Back Up or Custom Made UPS, Specification, Size & Weight will be followed as User request as possible.						
Battery Maintenance: Normally, battery charged every 3 months, and the time should not be less than 6 hours once a time.						

\* Specifications subject to change without prior notice