

ON-LINE UNINTERRUPTIBLE POWER SUPPLIES

B SERIES 6-20 kVA

1 PHASE INPUT - 1 PHASE OUTPUT



- Operation Independent of Input Voltage and Frequency according to VFI-SS-111 Standard
- DSP Controlled IGBT Rectifier-IGBT Inverter-Battery Charging System
- Wide Input Voltage Range (80-280 V AC)
- High Input Power Factor (>99%)
- Up to 95% High-Efficiency On-Line
- Up to 98% High-Efficiency in Eco-Mode
- True Pure Sine Output Waveform, Low Harmonic Distortion
- Static and Manual By-Pass
- Electromagnetic and RFI Protection
- Digital Panel providing detailed information about Mains, Charging System, Battery Status and Output Voltage
- Intelligent Charging System that ensures the long life of the batteries
- Small Size, Modular Structure, Internal Battery Cabinet (Minimum Back-up time)
- Communication via RS 232 Serial Port for remote monitoring and safe shutdown in networks, Smart Relay Contact Outputs
- Smart Fan; Speed Control for silent operation
- Custom production, Input/Output values
- Compliance with international standards
- Design with a lid that can be opened from 3 sides, providing fast service
- 2 Years Device and Battery Warranty
- 10 Years Spare Parts Supply Guarantee
- Experienced Technical Service and Customer Service Support throughout Turkey

APPLICATIONS

- IT Centers
- Factories
- Medical Devices
- Emergency Systems (Alarm)
- Communication Devices
- Server and Server Rooms
- Industrial Applications
- Personal Computers
- Small Computer Network
- Network systems

ADVANTAGES

- Transformerless structure
- Latest technology
- Energy save
- Clean and stable output voltage
- Overload and short-circuit protection
- Wheeled and takes up little space
- Remote monitoring
- Adjustable values
- Generator compatibility

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MODEL	BT-6	BX-10	BY-15	BZ-20
POWER	6 kVA	10 kVA	15 kVA	20 kVA
INPUT				
Voltage	220 VAC (1 Phase + Neutral)			
Voltage Tolerance	80-280 V AC (Variable with load)			
Power Factor (Full Load)	> 0,99			
Max. Current	30A	50A	75A	100A
Frequency	50 Hz \pm 12%			
Protection	Electronic Current Limitation in Rectifier, Over Voltage Protection, Fast Fuses			
OUTPUT				
Power	6 kVA	10 kVA	15 kVA	20 kVA
Power Factor	0,8			
Voltage	220 V AC			
Voltage Tolerance	\pm 1%			
Frequency	50 /60 Hz			
Frequency Tolerance	\pm 1%			
Wave Form	Pure sine wave			
Transfer Time	0 ms			
Efficiency (Full Load)	>91%	>92%		>93%
THD (100% Linear Load)	< 3%			
THD (100% Non-Linear Load)	< 5%			
Crest Factor	3:1			
Overload Protection	By-Pass at 150% overload			
Short Circuit Protection	Advanced security with artificial intelligence algorithms			
Communication Interface	RS 232			
BATTERY				
Number of Batteries	20	24		
Charging Type	DSP Controlled Intelligent Charge			
Charging Voltage	276 VDC	331 VDC		
Discharging Voltage	210 VDC	252 VDC		
Back-up Time (at load)	5-480 min.			
Battery Operation Warning	Buzzer			
Battery Low Protection	Automatic Shutdown			
Battery Cabinet	Internal / External			External
GENERAL				
Control Panel	Digital Liquid Crystal Display (4x20) with touchpad			
Operating Temperature	0 C - 40 C			
Noise Level (1 meter)	< 45 dBA	< 50 dBA		
Protection Class	IP 20			
Altitude	< 2000 m			
Humidity	95% max.			
Dimensions (wxdxh) mm	280x540x700	280x635x750		
Weight kg (Without Battery)	27	33	44	47

