

**B SERIES 6-15 kVA BLUE-LINE PROFESSIONAL**

MODEL	BT	BX	BY	BZ
Power	6 kVA	10 kVA	15 kVA	20 kVA
INPUT				
Voltage	80-280 V AC			
Power Factor	> 0,99			
Nominal Current	30A	50A	75A	100A
Frequency	50 Hz ± 12%			
Protection	Electronic Current Limitation on the Rectifier, Surge Voltage Protection, Fast Fuses			
OUTPUT				
Power	6 kVA	10 kVA	15 kVA	20 kVA
Power Factor	0,8			
Voltage	220 V AC			
Voltage Tolerance	± 1%			
Frequency	50 /60 Hz			
Frequency Tolerance	± 1%			
Wave Form	Pure Sine Wave			
Transfer Time	0 ms			
Efficiency (Full Load)	≥94%			
THD (at full linear load)	< 3%			
THD (at full non-linear load)	< 5%			
Crest Factor	3:1			
Overload Protection	By-Pass at 150% overload			
Short Circuit Protection	Improved Reliability with Artificial Intelligence algorithms			
Communication Interface	RS 232			
BATTERY				
Number of Batteries	20	24		48
Charging Voltage	276 VDC	331 VDC		
Discaharge Limit	210 VDC	252 VDC		
Back-up Time (Full Load)	5-480 min.			
Battery Over Discharge Protection	Buzzer + 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	440x590x216		440x700x216	440x590x220
Weight kg	26	32	43	46