

# BETA200 SERIES

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## ◆ 3/1 PHASE 6-40KVA TRANSFORMER-BASED ONLINE UPS

### GENERAL SPECIFICATIONS

- ◆ Output isolation transformer
- ◆ Up to 91% efficiency
- ◆ Static by-pass
- ◆ LCD front panel
- ◆ RS232 and relay contacts
- ◆ Custom input and output voltage ranges
- ◆ SNMP compatible communication
- ◆ Manufactured according to EC Directive; EN62040
- ◆ T-MON remote monitoring software
- ◆ Parallel operation up to 4 devices
- ◆ 64 events memory



TECHNICAL SPECIFICATIONS							
MODEL	BETA206	BETA207	BETA210	BETA215	BETA220	BETA230	BETA240
Power (kVA)	6	7,5	10	15	20	30	40
<b>INPUT</b>							
Voltage	220/380 VAC (230/400VAC) 3P + N + G ± 15%						
By-pass voltage	220/230 VACP + N ± 10%						
Frequency	50Hz / 60Hz ± 5%						
<b>OUTPUT</b>							
Power(kW)	4,2	5,25	7	10,5	14	21	28
Power factor	0,7						
Voltage	220/230VACP + N ± %1						
Frequency	50Hz (60Hz on request)						
Frequency tolerance	Line synchronized: ± 2%, free running: ± 0,2%						
Efficiency (100% load)	Up to 90%						
Crest factor	3:1						
Overload protection	100%- 125% load: 10 min., 125%-150% load: 1 min   , > 150% load: by pass						
Short circuit protection	Electronic short circuit protection						
Voltage THD	Linear load: < 3% Nonlinear load: < 5%						
<b>BATTERIES</b>							
Type	Sealed Lead Acid -Maintenance Free						
Number of batteries	20			30			
Float charging voltage	270 VDC			405 VDC			
End of dischrg. voltage	200 VDC			300 VDC			
Battery cabinet	Internal for standard time						
Battery temperature	25°C						
Battery protection	Automatic circuit breaker						
Battery test	Optional			Standard			
<b>GENERAL</b>							
Standards	EN 62040-1, EN 62040-2						
Maint. bypass switch	Optional			Standard			
Serial communication	Dry contacts&RS232						
Software	T-MonUPS Management Software (3 clients, +1 server management std.)						
Temperature range	0°C -40°C						
Ventilation	Forced air cooling						
Relative humidity	< 90% (non-condensing)						
Protection degree	IP20						
Altitude	< 2000m						
Acoustic noise	< 50 dBA			< 55 dBA			
Weight w/o batteries	106	110	125	130	195	217	335
Dim. (mm) HxWxD	950x265x740			1240x500x650			1390x575x82
<b>OPTIONS</b>							
Special in/output volt.	Please ask						
Input transformer	Galvanic isolation transformer at the input (in external cabinet)						
Input power factor	Input power factor corrector (> 0.97)						
Adaptors	SNMP, MODBUS, Remote Mon. Panel, RS485						
Parallel operation	N+1 (up to 4 units)						