



MODEL	BTR 160-800 kVA 3/3 PHASES							
Power	160	200	250	300	400	500	600	800
<b>INPUT</b>								
Voltage	380 / 400 / 415 VAC 3 phases + N							
Voltage Tolerance	± 27 % (Full Load)							
Power Factor	≥0,99							
Frequency	50 /60 Hz ± 10%							
THDi	< 4%							
<b>BYPASS</b>								
Dual Input	Standard							
Voltage	380 / 400 / 415 VAC 3 phases + N							
Voltage Tolerance	± 10% (adjustable)							
Frequency	50/60 Hz							
Frequency Tolerance	Adjustable up to ±10%							
<b>OUTPUT</b>								
Voltage	380 / 400 / 415 VAC 3 phases + N							
Voltage Tolerance	± 1% (Static load), Dynamic load in accordance with VFI-SS-11							
Frequency	50Hz / 60Hz (Optional)							
Frequency Tolerance	± 0,1% (Self-synchronize), ±4% (main-synchronize, adjustable up to ±5%)							
Power Factor	0.8							
THDv	≤ 2% linear load, non-linear load accordance with IEC/EN 62040-3							
Crest Factor	3:1							
<b>OVERLOAD CAPACITY</b>								
110%	Normal Mode Continuously							
125%	10 min.							
150%	1 min.							
>150%	bypass mode continuously							
<b>EFFICIENCY</b>								
Online Mode (full load)	> 93%							
Eco-Mode (full load)	> 98%							
<b>GENERAL</b>								
Technology	True Online-Double Conversion , IGBT Rectifier							
Control	DSP, SPWM							
Paralleling Units	up to 6 units							
Communication	SNMP, RS232, RS485, MODBUS							
Remote Monitoring	SNMP view, UPSMon, Remote Panel							
Free Contacts Relay Outputs	Programmable 7 pcs							
Custom Inputs	Generator, Battery temperature sensor, Remote EPO							
<b>WORKING CONDITIONS</b>								
Operating Temperature	0 C - 40 C							
Relative Humidity	0%-85% (without condensation)							
Altitude	≤2000 m.							
Noise Level	< 65 dB(A) / <70 dB(A)							
<b>PHYSICAL FEATURS</b>								
Dimensions (WxDxH)mm	1100x950x1500			1600x868x1800		3216x868x1800		
Weight (kg)	400	500	600	850	950	990	1400	2100
Protection Class	IP 20							
Number Of Battery	60						120	180
Battery Capacity								
Battery Cabinet	External							